

# Controlling Hydrogen Sulphide and Sulphuric Acid in Sewerage Systems...



ecobug® - sewage treatment solution - natural and effective

## MUNICIPALITIES AND UTILITY COMPANIES FACE MAJOR ISSUES...

The biggest issues facing municipalities and utility companies in maintaining our drainage systems is...

... the creation of Hydrogen Sulphide ( $H_2S$ ) caused by bad bacteria breaking down the sewerage in an anaerobic environment.

As  $H_2S$  combines with water in the sewage systems a reaction

occurs creating  $H_2SO_4$  - which is Sulphuric Acid.

Sulphuric Acid is destroying the pipelines and pumping stations.

This reaction develops mal-odour with an obnoxious smell most commonly referred to as 'rotten eggs'



Hydrogen Sulphide ( $H_2S$ )  
Creating Sulphuric Acid  
 $H_2SO_4$

Powerful Mal - Odour  
Created, Smelling  
Like  
Rotten Eggs



# BENEFITS of ecobug® - sewage treatment solution

## MUNICIPALITIES AND UTILITY COMPANIES EXPERIENCE SOLUTION...

The remedy is the **ecobug®** sewage-treatment solution (eST). It is a high bacteria, concentrated powder that is supplied in 200g sachets, also engineered to contain a chemical oxygenator (Oxyfoam) that is a slow release oxygen supply (SRO2).



The eST product is completely bio friendly and will work by turning an anaerobic environment aerobic.



eST will slow the production of H<sub>2</sub>S, then the high concentrate of bacteria will out compete the bad bacteria stopping the by-product H<sub>2</sub>S and creating the by-product H<sub>2</sub>O (water).

eST will also speed up the degradation of the organic matter.

Results will be noticed fairly rapidly, within the first 3-4 weeks.

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### ecobug® sustainability

A comprehensive range of ecobug® products that aid your environmental sustainability policies visit [www.ecobug.com](http://www.ecobug.com)



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If you would like to hear more, request a survey or get a quote please call our team on; 01834 831 838 or e-mail: [info@ecobug.com](mailto:info@ecobug.com)