

Unblock your drains using the power of live bacteria.



Sugar Eradication System (SES)

The Problem: Sugar and Starch

The photos show how sugar build-up from soft drink syrup can rapidly clog a drain line. This pipe is 70 per cent blocked after just four months. Additionally, sugar and starch build-up contributes to high BOD (Biological Oxygen Demand) and TSS (Total Suspended Solids) levels, which can add up to expensive plumbing bills and large fines. Bakeries, restaurants, breweries and soft drink manufacturers, send excess sugar and starch down their drains and into their drainage systems. Once there, these wastes settle in the bottom of drain lines, accumulating until they completely block the pipes, often causing backups. The Sugar and Starch Eradication System (SES) bi-weekly service assures you of hassle-free drain line maintenance to keep these problems at bay.

The Solution

Desperate Facilities Managers often turn to harsh chemicals and solvents or mechanical routing in their efforts to clear the blockages formed by waste sugar and starch. However, these methods only damage the pipes further, ultimately resulting in costly repairs and lost revenue from production downtime. Worst of all, the problem inevitably reappears a few months later. Environmental Biotech's SES provides a permanent solution to sugar and starch build-up.



SES harnesses the power of live, vegetative, non-toxic bacteria in a process called bioremediation. When pumped into drainage systems, these bacteria actually eat the clogs, converting them into harmless carbon dioxide and water.

So the bacteria not only saves you time and money in costly repairs, they help the environment as well.

The Benefits

- No more plumbers for sugar/starch related drain clogs
- No more costly cleaning of drain line backups
- No more lost profit from kitchen disruptions
- Automatic and maintenance free
- No more employee dissatisfaction with foul odours, health hazards or cleaning messy backups
- No more unusual or nasty odours escaping into your dining area
- Meets the UK DEFRA guidelines.

The Service

- Facility visits by our Service Technician
- Drain line dye inspection
- Treatment of equipment and drains with bacteria
- Injection system inspection and maintenance
- Temperature and pH testing
- Consultation with Facility Manager
- Inspection report of each visit
- Troubleshooting service if necessary.

The SES programme is pro-actively delivered by teams of professional technicians who take ownership of your problems and ensure you get hassle-free, optimum drain line performance in the safest, most responsible way.

Application examples:

Baking, Confectionery, Catering and Restaurants, Food Processing, Grocery and Supermarkets, Hotels, Hospitals, Schools and Universities, Shopping Centres, Stadium Complexes, Brewing, Water and Water Treatments

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