

Fat buster

ANGLIAN Water is now using a bacterial bio-remediation system developed by Environmental Biotech to relieve drainage problems caused by fats, oils and grease (FOG) dumped into the sewer network.

The sewage company has adopted the process right across its extensive region following the successful trial supervised by the Water Research Centre (WRC) in the restaurant district of Chelmsford where traditional FOG blockages have been eliminated by improved kitchen practices and the Environmental Biotech bacterial dosage.

FOG slugged down waste pipes at restaurants and fast food outlets combines to form solids that block pipe-work and clog up pumping stations.

The Environmental Biotech system introduces live bacteria into the drainage network that eats the FOG and are then carried away as the water flows through the system. Eventually the micro-organisms die and are dissolved, eliminating the fat from the system.

The Anglian Water trial monitored the performance of the Environmental Biotech process in an Anglian Water sewer serving the busy restaurant area of Baddow Road, Chelmsford.

Chelmsford Borough Council's environmental health officers were additional partners in this education and remedial campaign. Since the trial began, no instances of blocked pipe-work have been recorded.