



Katsouris Fresh Foods
Wembley London
Advetec 460 Case Study

The company is part of the larger Geest Group of companies.

The manufacturing facilities are located around the UK and constantly review their effluent management procedures.

The manufacturing facilities are state of the art and comply with the latest UK and EU guidelines for the production of food for human consumption.

Background: In a Group wide drive to reduce effluent levels and costs, Advetec 460 was introduced to the Abbeydale Road factory to evaluate the effects on the existing effluent levels and to prevent the build up of Fats at the Queensbury Road Access Point 0502 of the Thames Water main sewer.

Objectives: During the evaluation period the levels of effluent discharged were monitored and special note was taken of:

- COD
- Suspended Solids
- FOG

Implementation: A site wide survey was conducted prior to the Advetec dispensing system being installed. During the evaluation period effluent samples were collected weekly. Analysis was performed independently by the Environment Agency Laboratories & Thames Water.

Results: The graphs below illustrate the following results as recorded by the Environment Agency and confirmed by Thames Water. Since installation in October 2005 the Drain at Queensbury Road has remained clear and unblocked as confirmed by Thames Water on 10th May 2006.



COD prior to install 5829mg/l; Average after Install 1674mg/l = 71% reduction
TSS prior to install 1714mg/l; Average after install 490mg/l = 71% reduction
FOG prior to install 678mg/l; Average after install 409mg/l = 40% reduction

