



Roberts Food Group

FOOD – APPLICATION / CASE STUDY

Roberts Food Group are part of the Greencore Group of companies and are one of the UK's largest suppliers of frozen yorkshire puddings and desserts.

Background: The state of the art manufacturing facility has seen a steady increase in production over recent years resulting in a rise of effluent discharge. In a group wide drive for IPPC compliance, a 90 day trial of Advetec 460 was initiated at the facility.

Objectives: The aim of the trial was to improve the following areas relating to effluent discharge:

- COD
- Suspended Solids
- FOG
- BOD
- Solids transported

Implementation: Site drains were inspected and cleaned prior to the Advetec dispensing system being installed. By the end of the 90 day trial, the lines were found to be clear and all traces of odour had been eradicated.

Results: The graphs below illustrate the following results as recorded by the Environment Agency:

- COD 73.4% reduction
- FOG 98% reduction
- BOD 43% reduction
- Skimmed FOG 66% reduction
- Solids 64% reduction
- Production increased by 30% with no increase in effluent

