



OCS Persnickety™ Coutervailant™ System Solves Odour Problems

BOCM Pauls, Radstock

persnickety®; n.

- Showing extremely careful treatment
- Fussy, fastidious

coun'ter•vail, v.

- to have or use equal force against
- to make up for; compensate
- to be successful, useful, etc

Testimonial

"The effects were dramatic and fairly instantaneous as odours are impressively controlled and complaints have dramatically diminished." says Mr Keith Thompson

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As a major UK feed compounder, BOCM Pauls recognises its responsibility under the Environmental Protection Acts and this was demonstrated at the Radstock factory. This factory includes a fish meal process unit which produces extruded fish feed for the important trout farming market in the South West England.

During the final drying stage of the manufacturing process, an unpleasant odour was emitted which, under certain climatic conditions could have been detected by local residents. The odour was being carried out with the air exhausted from the wet-dust collector which was installed to remove any harmful dust particles released during the drying process.

BOCM Pauls has always taken its environmental responsibilities very seriously and the company therefore set about finding the most effective way of controlling these smells thereby avoiding the potential of complaints from the neighbouring community.

Responsibility for controlling these smells was in the hands of Operations Manager, Geoff Crane and following discussions with the local Environmental Health Department, three alternative courses of action were recommended: containing the odours by installing a biofilter; masking the odours; or deodorising by countervailants.

The use of perfumes to mask the odour was considered to be an incomplete solution and dismissed immediately. In practice both the offensive odour and the masking agent are usually perceived and eventually, over a prolonged period of time, even the most pleasant smells tends to become offensive.

The installation of a biofilter involves constricting a large open tank into which considerable depth of damp peat and heather is built up. Exhaust air is then passed through the peat and heather which retains the offensive smells. The installation of a biofilter, along with its associated ducting and replacement filter media would take up a large floor area and would be a very expensive project of this magnitude so BOCM decided to investigate the use of countervailants first.

preserving the environment