



Farm House, Dorset

Safe discharge of sewage effluent from rural farm

Background

A small septic tank serving the farm was being discharged to a drainage field in the vicinity of the farm house. There were problems with the existing land drainage arrangements which were resulting in sewage ponding back into the garden.

Investigation of the local sub-soils showed that clays were commonly occurring, preventing the efficient operation of the land-drainage system.

The Scheme

An open ditch exists close to the farm complex. Discussions with the Environment Agency confirmed that they would be prepared to accept effluent discharge into the ditch provided that the sewage was treated to a high enough standard.

Water Maxim proposed introducing a small sewage treatment plant to receive effluent from the farm and replacing the existing drainage field with a new sewer and sampling point discharging directly to the open ditch.

Project Outcome

Pipefix were engaged to install the new sewage treatment plant. It provides a high standard of treatment to the farm house effluent. Direct discharge to the ditch has removed the problems of periodic surcharging.

