AUTOMATIC FILTRATION AIDS COMPLIANCE
at Southern Water Wastewater Treatment Sites

Morrison Utility Services undertakes work to upgrade Southern Water's network of wastewater treatment sites to deal with any potential compliance problems – quickly and efficiently.

The Vines Cross treatment plant had a particular issue of build up of solids in the washwater system. Loss of the washwater system resulted in the crude sewage inlet screens becoming fouled. Final effluent from the humus tanks, which is used to keep the inlet screens clean as well as for general washwater, requires filtration to protect the high pressure multi-stage waste water pump from becoming blocked with particulates, such as algae and sludge particles. However, the manual strainers were causing blockages in the system.

A similar problem had been solved at East Worthing WTW by the installation of a BOLLFILTER Automatic System and, after liaising with Southern Water’s process scientists, Morrison Utility Services recommended investing in a similar system at Vines Cross WTW.

The BOLLFILTER System is a low pressure installation comprising a Self-Cleaning BOLLFILTER Automatic Type 6.18 with independent backflush pump fitted on the water inlet to the waste water pump.

Jon Moss, part of Morrison Utility Services, is pleased with the performance of the new system. “Compliance issues are always urgent and Bollfilter was able to provide a suitable system without delay. “ He adds, “The two operators based at Vines Cross, who are also responsible for a number of other sites, no longer have to take time every day to clean the manual strainers.”

Client Southern Water
Contractor Morrison plc
System BOLLFILTER Automatic Type 6.18 SUC DN100 Low Pressure. Flow 27 l/s. Filter level 500 microns.