

# Case Study

## Ramsay Healthcare

Site	New Hall Hospital, Salisbury
Client	Ramsay Healthcare
Works	Installation of new Sewage & Wastewater Treatment Plant
P/E	240



[www.ramsayhealth.co.uk](http://www.ramsayhealth.co.uk)

New Hall Hospital is a large private hospital operated by Ramsay Healthcare.

### Problem

For many years the site's sewage and wastewater had been discharged to its own onsite treatment plant which was proving inadequate for its needs resulting in substandard final effluent quality.

The site needed to improve the quality of effluent but any works would need to be carried out whilst the Hotel was operating with minimal disruption. Ramsay Healthcare contacted Watling Hope.

### Solution

Watling Hope designed a bespoke WPL HiPAF "high performance aerated filter". The system was selected because of its low visual impact, ease of maintenance and proven ability to treat wastewater to a consistently high quality.

It was important also that the installation and commissioning of the new system should be undertaken without interruption of the activities of the hospital and with minimum inconvenience to patients and staff.

### Results

The system was installed by Watling Hope within 3 weeks during April 2009 with no interruption to the operation of the hospital.

### Maintenance Requirements

The system requires quarterly desludging and mechanical and electrical servicing, this is carried out by Watling Hope as part of a maintenance contract.

### Results

Both plants have performed well producing reliable final effluent within the strict EA Consent to Discharge standards.

	Consent
Biological Oxygen Demand	20 mg/l
Suspended Solids	30 mg/l
Ammoniacal Nitrogen	20 mg/l

### Project Costs

£80,000 approx

“It was all on time and on budget with barely noticeable disruption.”

Mrs Kim West **Services Support Manager at New Hall Hospital.**