

Case Study

Cowley Manor Hotel

Site Cowley Manor Hotel, Gloucestershire

Client Curious Hotels

Works Installation of new Sewage & Wastewater Treatment Plant

P/E PE 300



www.cowleymanor.co.uk

Cowley Manor is a five star hotel set in a magnificent country house situated in 55 acres of parkland; its gardens are famous for its lakes and Victorian cascades.

Problem

The property was completely refurbished and opened as a hotel in 2002. As part of the refurbishment a new on-site sewage treatment plant was installed with discharge to the nearby lake. However the new plant failed to achieve its design performance and after various modifications and pressure from the Environment Agency.

Watling Hope were approached by the Hotel's owners Curious Hotels and asked to provide a solution.

Solution

Their recommendation was to install a new WPL HiPAF sewage treatment plant adjacent to the original and which would then become redundant.

It was also important that the works could be undertaken without interruption to the Hotel's business and with minimum inconvenience to the guests and staff. The screening of the working area and careful planning of deliveries was a major consideration.

The new system was installed over a period of 4 weeks and commissioned on 14th May 2007.

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

An effluent sample taken 3 weeks after installation was submitted for laboratory analysis and were well within consent standard.

	Consent
Biological Oxygen Demand	20 mg/l
Suspended Solids	30 mg/l
Ammoniacal Nitrogen	10 mg/l

Project Costs

£110,000 approx

“I was impressed that such a major installation was undertaken with so little inconvenience and was particularly impressed that the full performance of the plant was achieved so quickly and continued to be maintained well within the required standard.”

Stuart McPherson **Hotel Manager**