

SUPPLIER of LAMELLA CLARIFIERS to SOUTHERN WATER SERVICES Ltd

Southern Water Services Ltd, the water company providing water supply and wastewater treatment services across Kent, East and West Sussex, Hampshire and the Isle of Wight uses *Siltbuster* Limited as its' supplier for Lamella Clarifiers.

As part of their objective to achieve compliance at all their Wastewater Treatment Works (WwTW), Southern Water staff have undertaken over 300 appraisals and implemented an asset improvement plan. As part of this process, over 20 Lamella Clarifiers from *Siltbuster* Limited have been installed in both permanent and temporary roles across the region.

Where?

Enhanced treatment capacity has been added to various sites including:

1. Clapham WwTW
2. Barton Stacey WwTW
3. Slaugham WwTW
4. Brading WwTW
5. Charing WwTW
6. Ansty WwTW
7. Ardingly WwTW
8. Loxwood WwTW
9. Cuckfield WwTW
10. East Dean WwTW

Emergency Reserves

Southern Water also hold a number of skid mounted mobile lamella units at their central depot for rapid deployment to site, should the unforeseen happen.



Primary Settlement • Humus Settlement • Secondary Clarification

HIRE, SALES AND TECHNICAL SUPPORT

Site Focus



Cuckfield WwTW – Humus Sludge Settlement

Twin HB50R Lamella Clarifiers have been supplied and installed at Cuckfield WwTW for the settlement of humus sludge. Treating a flow rate of up to 43m³/hr, the lamella units are preceded by a flow distribution box to distribute the flow equally between the two units.

Ansty WwTW and Ardingly WwTW – Post SAF Final Stage Treatment

Package SAF plants and a *Siltbuster* HB50 unit, can be seen at Ansty WwTW, where the *Siltbuster* HB50 treats a flow rate of up to 18m³/hr.

Two HB50 lamella units have been installed at Ardingly WwTW as part of an upgrade to the works to deal with the flow and loads exerted on the WwTW as a result of the South of England Show. During the show the works population equivalent (PE) increases from 1500 to circa 20,000.

Settlement for Package Treatment Plants

Southern Water have installed a number of Package Treatment Plants incorporating Submerged Aerated Filters (SAF) and *Siltbuster* HB50 Lamella Clarifier units have been chosen as the settlement unit for these packages.

Why choose Lamella Clarifiers from *Siltbuster*?

Minimal lead-times and good availability

New mobile and industrial specification units available from stock.

Ideal for a temporary requirement

Just need a clarifier for a short period? No problem - our fleet of mobile Lamella Clarifiers are available to hire for a minimum of one week, without a capital purchase! We can also provide access platforms and walkways to hire, all to water industry specifications. When you're finished – send it back.

Difficult access to rural WwTWs

No problem, our units are light but robust and are easily transported. If there's a road or track to the site we'll get it there!

Siltbuster Lamella Clarifiers are:

Designed for increased flexibility, ease of installation, offer outstanding performance, quality and of course - reduced COSTS!



Siltbuster[®]

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