





Bubble waste water treatment to ensure the effluent will meet a very high quality before discharging into the Caul Bourne.

of around 3 km from Calbourne Water Mill successfully been applied to various to the Newtown River. The Newtown River sensitive discharge applications throughout is a designated biological Site of Special the UK. It is highly effective at processing Scientific Interest (SSSI) supporting a waste water flows to extremely high number of nationally rare species of flora and standards, a specialised invertebrate community. It also the most stringent Environment Agency plays an important role as a wintering ground for seabirds and forms a critical part of the Isle of Wight Area of Outstanding Natural Beauty (AONB) and the Hamstead Heritage Coast.

includes discharges from one of the oldest previously residential properties. It is subjected to sudden high peak seasonal within

The scenic Calbourne Water Mill on the Isle flows. The effluent quality is a consistent of Wight now has the reassurance of Bio- 10 mg/l BOD, 15 mg/l SS, 1 mg/l NH3-N

## The Solution: Bio-Bubble Advanced Aeration

Bio-Bubble Advanced Aeration waste Caul Bourne is a small river with distance water treatment has previously and very meeting compliance prerequisites for effluent quality within environmentally locations. sensitive

Moreover, it is capable of doing this with outstanding reliability using far lower Waste water from Calbourne Water Mill energy input than other systems and has demonstrated exceptional working mills in the UK, a restaurant, qualities of absorbing high shock loads function facilities and tourism in addition following long periods of low inflow without also failure concerns such as that experienced hotels. tourism areas and



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