



PAC Slurry Preparation Plant for Northumberland Water

Technical Data		Plant Description
Storage	- Client's tote bin	<p>This system is installed in a reservoir process building and is designed to be used only during periods of Bloom in the water.</p> <p>Powder Activated Carbon is delivered in 1 tonne Tote Bins and is discharged by vibration.</p> <p>The PAC is conveyed by screw conveyor to a loss-in-weight screw feeder which accurately feeds in to the slurry mixing tank. The slurry is adjustable for concentration by varying the PAC inclusion, by recipe via the clients SCADA. From here the liquor is pumped into the water stream.</p> <p>Each tank is fitted with an ultrasonic level detector to control water levels and a liquid agitator unit to prepare the slurry.</p>
Screw conveyor	- 1 off Ø150 tubular	
Loss-in-weight feeder	- 1 off Ø60 100 litre capacity 304 stainless steel	
Mixing tank	- 1 off 1000 litre capacity Ø1200 welded construction	

Cleeve Materials Handling Limited

Suite 4, Prospect House, Bath Road Trading Estate, Stroud, Glos. GL5 3QF, UK



01453 750085



info@cleevemh.co.uk



http://cleevemh.co.uk