



The solar-powered destratification system

A Black & Veatch project to improve the quality of raw water at College WTW was selected as a finalist for the Pure Water Award. SWW needed a quick and reliable solution to address customer complaints of blue-green algae problems. Black & Veatch proposed an innovative solution with the use of a solar-powered, surface-mounted destratification system – the first to be used by any UK water utility – to improve the taste, odour and discolouration of the raw water. In addition, due to its solar source of energy, significant reductions in capital and operational expenditure and carbon footprint have been achieved.

Commenting on Black & Veatch's success at the awards, Phil Morgan, Black & Veatch Framework Manager for SWW K4 Planned Programme said, "These awards bring Black & Veatch's tally of Pure Awards to a total of eight this year and demonstrate the dedication and commitment of our professionals to deliver a world class service for South West Water."



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