

## Trashraking

Tamworth, United Kingdom

### How we created value

- Just two Ovivo Bosker Trashrakes effectively dispose of large volumes of environmental and urban debris.
- Ovivo's automated technology allows flexibility for operators, requiring manning only at periods of peak flooding.
- The operation of Ovivo's trashrakes has had a positive impact on the river environment at this site and far further upstream.



### Brief

The UK Environment Agency (Midlands Region) required a solution that addressed the heavy debris pollution experienced at Lea Marston Purification Lakes near Tamworth on the River Tame.

### Solution

Ovivo's team of engineers recommended and installed two Bosker HD3000 Trashrakes that work on a single track to effectively eliminate the problem. Under normal weather conditions, the rakes work on automatic setting. During major storms the river levels rise dramatically and the quantity of environmental debris such as tree trunks and branches, as well as urban trash including chest freezers, wooden pallets, calor gas cylinders and large polystyrene sheets increases markedly too. Then the site is manned to prevent machinery locking out due to the sheer volume of trash, and to maintain a clear dumping area.



### Outcome

The fitting of a bar screen had revealed how much urban trash had been passing through the Lea Marston lakes. "Since the Ovivo rakes have been installed the amount of trash being carried downstream from the Black Country to Nottingham has noticeably decreased and in general the Tame and Trent reaches have been much cleaner," reports the Environment Agency.

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