

## Improving Resilience at Itchingfield WwTW

Installation of the McGill Distributor delivers reliable treatment.



McGill Distributor installation at Itchingfield WwTW

### Scope

A McGill Distributor was installed to replace an existing syphonic driven rotary arm at Itchingfield WwTW; a small, single bed, prescriptive site.

### Challenge

Treatment at the works was being impeded by unreliable operation of the centre bell syphon arrangement. The resulting intermittent rotation and overtopping of the centre well was causing short circuiting of the media and leading to issues in the receiving watercourse. A solution was required capable of delivering reliable rotation across all site flow conditions.

### Outcomes

Installation of the McGill Distributor has delivered a reliable rotation and distribution solution across all site flow conditions, underpinning effective treatment of influent at the works and fully addressing issues in the receiving watercourse.

