

Putney Boat Ramp Installation

Client: Putney Rowing Club

Location: River Thames, London

Value: £260k

Duration: 15 Weeks



In Brief...

Barhale Installed a boat ramp for Putney Rowing Club who had previously had to access the River Thames 200m upstream from the clubhouse.

Although accustomed to working with water, the tidal constraints of the river made this project challenging

Technical Features...

The River Thames is tidal - water levels at Putney rise and fall twice a day approx. 4.5m so riverbed works were scheduled for the 4 to 5 hours of low tide.

The ramp was divided into manageable sub sections which could be safely excavated and concrete poured within 2 hours, allowing a further 2 hours setting time.

A high performance, fast setting concrete accelerator was selected to add to the sub-base to minimise the leaching of alkalis.

Pre-cast concrete steps were later craned into position and two retaining walls were cast in-situ either end of the ramp. Finally, resurfacing and landscaping works tied the ramp to the club building.

The site team received excellent feedback from Putney Rowing Club for their consideration during the works.

Customer Benefits...

- Putney Rowing Club can access the Thames directly outside the clubhouse
- The Rowing Club was able to remain live during the works - the construction team had to consider the club's daily needs whilst still meeting installation deadlines
- Pollution risk from concrete, sediment and fuel or oil leaks was mitigated through early planning
- Safe working area maintained by restricting riverbed works to low tide. All operatives wore harnesses attached to anchor point on the bank during high tide works