

RIVER FLOODING SOLUTION



Products deployed in the flood control system

- S Series penstocks x 2
- Stainless Steel Flap Valves x2
- Aluminium Stoplogs x 13

Ham Baker was approached by the Environment Agency to devise a flood protection solution for a particularly troublesome location on the River Mersey as it passes through Didsbury in Manchester.

The stretch of river is located adjacent to the Withington Golf Course and in recent history the golf course has been flooded with the Mersey breaking its bank several times resulting in the course being unplayable for a period due to the volume of water on the course.

The engineering design team at Ham Baker devised a solution that prevents flooding until the river reaches a level

where the whole area will flood.

Once the river height starts to subside, the penstocks and flap valves will then open to allow the excess flood water to return safely and quickly through drainage culverts installed on the golf course back into the Mersey.

The solution consisting of Stoplogs (these were used to protect the workforce during installation and will be used for future maintenance), Flap Valves and the new S-Series Fabricated Penstocks was manufactured at the Ham Baker site in Stoke on Trent and installed and commissioned by the in-house Site Services team.



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