



# Project: Bone Mill Sluice Refurbishment

Location: East Newbury

## Weir Penstock

Client: Land & Water



In late 2007, the flood protection structure at Bone Mill sluice failed. The original timber structure had been in service for 35 years and had provided flood protection to the East Newbury area.

After this failure the Environment Agency appointed Land and Water services as the principal contractor for a refurbishment project.

Aquatic Control Engineering supplied a KOAS 2 Weir Penstock to Land and Water to replace the structure that had previously failed.

It was important that this project ran smoothly and quickly in order to reinstate flood protection for the region and to keep the busy River Kennet navigation open.

The Weir penstock was the full width of the concrete structure that held the previous sluice, manufactured in stainless steel it was installed into rebates cut into the concrete structures walls.

The new gate is manually operated and will ensure the area is protected from flooding in the future.

Aquatic Control Engineering would like to thank all those involved with this project.



**Aquatic Control Engineering Ltd**

[www.aquaticcontrol.co.uk](http://www.aquaticcontrol.co.uk)  
[info@aquaticcontrol.co.uk](mailto:info@aquaticcontrol.co.uk)  
01777 249 080  
V 2.0.

**Aquatic Control Engineering** are market leaders of innovative water flow control, maintenance and fish passage equipment. We are proud to supply our customers with high quality, innovative solutions and high standard installation services for over 20 years