

# Case Study: Brechin

## Static Wave Screen



**Site:** Brechin  
**Client:** Scottish Water  
**Project:** CSO Screen  
**Completion Date:** 2001

**Key Project Partners:**  
**Client:** Scottish Water  
**Consulting Engineers:** George Leslie Construction  
**Main Contractor:** Scottish Water



### Scope of Contract:

Design, supply and install two 6mm static wave screens onto a double sided storm overflow channel.

◀ *The CSO Technik static wave screen installed on a twin weir overflow arrangement in Brechin, Scotland*

The channel shown above was lifted into the storm storage chamber after the screens had been attached to the concrete overflow.

The roof slab was installed in one piece afterwards to facilitate easy installation.

The main contractor was George Leslie Construction and the end client was North of Scotland Water.

Storm flow:	1500l/s
Screen dimension:	2 x 7m long x 1.5m wide x 300mm deep
Screen perforation:	6mm
Screen model:	WS170
Material:	316 Stainless Steel
SRV*:	55%
Installation:	May 2011

\*Screening Retention Value as measured by at the National CSO test facility in Wigan During March 2000.

For further information on storm overflow screens and other waste water, odour control and anaerobic digestion equipment please contact:

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