Know-How *in Action*

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BELZONA HELPS KEEP THE FARMS FREE FROM FLOODING

CUSTOMER
Water Authority, UK

APPLICATION DATE
October 2008

APPLICATION SITUATION
Pumping station used to regulate the water table in the surrounding low lying farmland. There are 4 pump sets that transfer water from the land into the nearby river to prevent flooding.

PROBLEM
Crack on one of the 900mm outlet pipes was jeopardising operation of the pump set. Due to the time of year and high risk of flooding it was deemed unacceptable to take the set offline and carry out a conventional repair.

PRODUCTS
Belzona 1291 (ES-Metal)
Belzona 1161 (Super UW-Metal)

SUBSTRATE
Steel

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leaflet VPF-11a. After stemming leak with Belzona 1291 a wrap was completed with the Belzona 1161 incorporating Belzona 9341 (Reinforcement tape)

BELZONA FACTS
A weld repair had already been tried and failed. The Belzona repair allowed flood defences to continue until flood risk was lower and pipe could be dug out and replaced.

PICTURES
1. General view of the pumping station with the 4 outlet pipes
2. The damaged pipe
3. Belzona 1291 applied to stem leak
4. Pipe completely wrapped with Belzona 1161

1.

2.

3.

4.

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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