

**Customer** Water Authority, North West  
**Sector** Water / Wastewater  
**Date** August 2010  
**Ref no.** 10977

## APPLICATION EXAMPLE

# Long term protective coating to settlement tank – half bridge

## Situation

As part of a refurbishment project it was decided that the heavily corroded steel work to the half bridge required the application of a long term protective coating.

## Implication

Left to further corrode in this aggressive environment would no doubt lead to a structural failure.

## Solution

The half bridge was fully scaffolded and enclosed to protect the surrounding area from dust / over blast, and to also allow continuity of works during potential inclement weather. The entire structure was blast cleaned to SA2.5 with an average 75 micron surface profile. This was followed by 3 coats of high specification protective coating.

## Facts

All works were completed on budget and on time within the 7 day window allotted.

