

Live Sewer Pit – Urgent Repair

Project: Waste Water Treatment Plant

Category: Corrosion, Protection & Gas Attack

Completion

Date: March 2011

Product: Rhino100% Pure Polyurea

Dealer: Approved Applicator
– Adelaide Waterproofing Services

Job Description:

TRILITY Pty Ltd (United Utilities Australia) had an urgent need to protect a live sewer pit to stop any further concrete degradation.

Rhino Approved Applicator, Adelaide Waterproofing Services was called on to handle this urgent project and demonstrate the benefits of our Australian made Rhino 100% Pure Polyurea. They had a one-day window to complete this application.

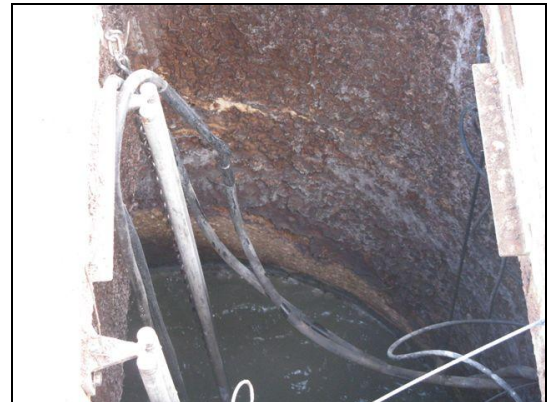
The upstream main was temporarily pumped to a storage truck and the main well inlets were plugged before cleaning commenced.

With these access restrictions in mind, Adelaide Waterproofing used a 2500psi 22L/min turbo head pressure washer to clean the wet well and provide substrate profile. They then dried and tested the substrate for contaminants followed by the application of a 3 - 4mm coating of Rhino 100% Pure Polyurea.

The surface finish was less important in this case (spray applied elastomers follow the substrate profile) and H₂S gas attack was positively removed with our high build Rhino Linings 100% Pure Polyurea coating.



Access restrictions



Original substrate



Confined space and limited access



Finished live wet well