

Customer Fertiliser Manufacturer - Teesside
Sector Water / Wastewater
Date June 2012
Ref no. 20057

APPLICATION EXAMPLE

Concrete repairs to effluent pit

Situation

The water treatment pits on a Fertiliser Manufacturing plant were suffering from severe concrete deterioration. **Mark Specialist Applications** were called in to carry out the repairs and apply a long term protective coating.

Implication

The water treatment plant is a fundamental part of the whole manufacturing facility, and the concrete was so badly damaged in areas there was risk of the internal wall being breached to the adjacent pit. With either pit out of operation the plant would have to close down causing enormous downtime and associated costs.

Solution

The pit was high pressured washed, purged and cleaned out. The walls were blast cleaned to remove a previous coating. Concrete repairs were undertaken to refurbish the damaged walls and floors and the entire pit was sealed using a fully reinforced fibreglass system with outstanding chemical resistance.

Facts

The project was completed ahead of schedule, and under budget to the customer's complete satisfaction.

