



Hockery Brook, Wigan

Client:

The Coal Authority

Specialist Contractor:

A E Yates Ltd

Products Used:

Sikaflex PRO-3WF

Contact:

NCC for Bund Lining

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www.bundlining.co.uk

Case Study

The Coal Authority and their contractor A E Yates Ltd were constructing a dam to direct contaminated water through their new Minewater Treatment facility at Hockery Brook. The process involved diverting the water run-off with the earthwork dam so that it passed through a series of new settlement pools and wetland reed beds, to create a natural filtration and purification system.

An important requirement of the project was to securely seal the joints in and between all of the concrete structures and external slabs, to ensure that none of the contaminated water could leak into the groundwater and pollute the environment.

A E Yates discussed the project requirements in detail with **NCC**, who were able to recommend the use of Sikaflex PRO 3WF, an advanced chemically resistant joint sealant based on polyurethane resin. This easy to apply, one-component sealant has now been used to efficiently and effectively seal all of the joints on the project and protect the groundwater in accordance with the environmental policy of The Coal Authority.