

SLIP LINING CASE HISTORY



Sewer Rehabilitation From Perco



Client: Costain
Project: Slip Lining, Porth, Rhondda Cynon Taff, South Wales
Sub-contractor: Perco Engineering Services

When Costain were building the new Porth Relief Road, they had to decommission an old culvert draining redundant mine workings at Porth in the Rhondda Valley, South Wales.

We were asked to come up with an innovative solution for the problem.

When the new road was being built, an old culvert, which was originally built to take residual water from old mine adit connections and tunnels in the area, was to be replaced with a new one.

A new culvert had been constructed under the new road and the stream was diverted into it. The old culvert was abandoned and needed to be made safe to prevent possible collapse in the future which could affect the road.

Before work could start, the 8 metre deep culvert had to be cleared of debris. The old culvert had to be slip lined because it still picked up some water. We selected Uponor's Flexoren™ system as the best method. The system is new to the UK and proved to be the

best solution for this project. The culvert was then back filled with Bacel Hard Foam to provide a stable, inert filler.

For more information regarding this project please contact our Sales Director Nick Sheehan on 01604 590200