

EcoCIPP LINING CASE HISTORY



Pipe Rehabilitation From Perco



Client: Southern Water/4 Delivery
Project: Flood Alleviation by EcoCIPP Lining, St Mary Bourne, Hampshire
Sub-contractor: Perco Engineering Services

The residents of St Mary Bourne, Hants. had experienced periodic flooding in their village for almost 30 years.

As part of an alleviation scheme by Southern Water, Perco installed 7km of EcoCIPP lining to prevent ground water ingress. Extended periods of wet weather raise the groundwater levels and water gets into the sewer system. The downstream pumping station couldn't cope with the resulting flows, meaning the flows had to be tankered away, sometimes on a daily basis.

Whilst much of the 8.2km long sewer was in good condition, survey work and computer modelling by 4 Delivery, Southern Water's term contractor, showed significant ground water ingress at the privately-owned house connection laterals. Southern Water decided to rehabilitate most of the clay sewer by GRP lining and replace the pitch fibre sections.

Perco rehabilitated 5km of 225mm ID pipe and 2km of 150mm ID pipe using EcoCIPP lining in the appropriate sizes. A robotic cutter opened up 160 laterals along the route.

Some of the sewers ran under fields but most manholes were in the middle of the road, creating access problems. Perco set up traffic management working closely with 4 Delivery, who organised road closures, diversions and tankered flows away during the lining operation.

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