

Grouting of Badger Setts in a Flood Storage Reservoir Embankment

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SYNOPSIS. A flood detention reservoir was created by adding a throttled outlet to the original brick lined culvert under an existing disused railway embankment. However, the embankment has been damaged by extensive burrowing of badgers, with elimination of preferential seepage paths a matter in the interest of safety under the Reservoirs Act 1975. The paper will describe the grouting works carried out in 2011 to fill the network of badger tunnels within the embankment, which required around 70T of grout and was carried out in a two stage process. It will include known precedents of similar schemes where grouting was used to infill animal burrows. The environmental aspects of badger relocation are covered elsewhere and will be limited to a short background section at the beginning of the paper.