Is internal erosion detectable?

J. DORNSTÄDTER, GTC Kappelmeyer GmbH, Karlsruhe, Germany D. DUTTON, British Waterways, Watford, UK A. FABRITIUS, GTC Kappelmeyer GmbH, Karlsruhe, Germany P. HEIDINGER, GTC Kappelmeyer GmbH, Karlsruhe, Germany

SYNOPSIS.Three possible methods of estimating seepage flow velocity, using the well-proven ground temperature sensing technique, are presented for use as a means of detecting and monitoring the progress of internal erosion within an embankment dam.