The joint expedition of NCAM and the German Archaeological Institute during the season 2005, 2007 and 2008 has excavated in the area of the s. c. Royal Baths at Meroë two major subterrain water channels. One of the channels has partly been unearthed under J. Garstang and described by W. S. George already. The recent excavations revealed new features and show that the channel probably has to be interpreted independent from the Baths. The second channel, a massive vaulted construction of sandstone, burnt bricks and wood, has not been excavated under J. Garstang. It runs from the water basin in the centre of the complex westwards under the city wall in the direction of the Nile.

Together with a number of smaller open channels on the surface their possible chronological relation to the Royal Baths with its building phases and function will be set out in order to illustrate the hydrotechnical system of the building complex and to approach to the general understanding of the Royal Baths at Meroë.