

31 January 2014

ENGINEERING REPORT

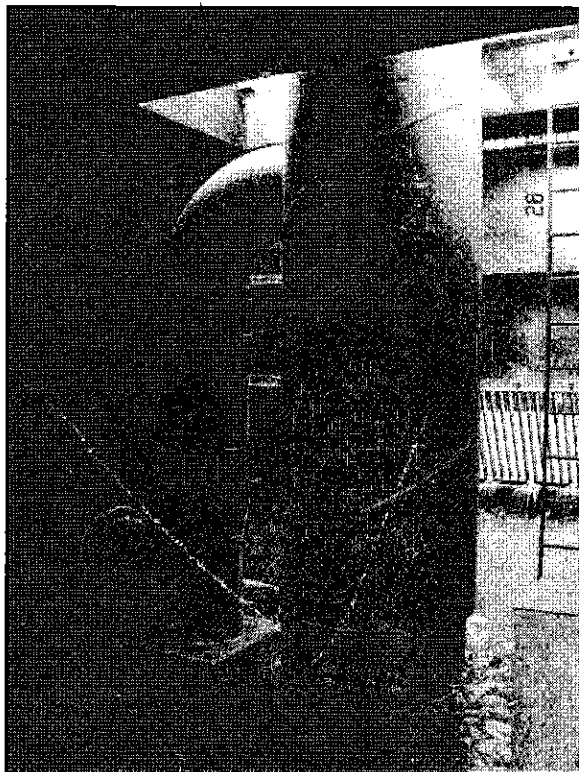
1 CAPITAL WORKS

1.1 HOLBEACH RIVER OUTFALL SLUICE REFURBISHMENT

The construction works for this scheme have now been put out to tender, Barhale, Breheny, and Galliford Try having been invited to submit. The date for tender returns is 7 March 2014, and at the last Board meeting the Board's Chairman and the Chairman of the Plant and Development Committee were given delegated authority to award the construction contract out of meeting so as not to hold up the project. It is envisaged that contract start will have to be by mid-March so that the work can comfortably fit within the timescales required by Natural England.

1.2 CLAY LAKE PUMPING STATION REFURBISHMENT (£257,000 LOCAL LEVY CONTRIBUTION)

The two new Bedford Pumps Ltd vertical submersible pumps were installed during week commencing 20 January 2014, replacing the two British Pleuger horizontal submersible pumps which had been in service at the station since its commissioning in 1971. Strengthening of the sump wall through which the two discharge pipes pass has also been carried out by the addition of an extra 150mm of reinforced concrete, and a galvanised steel plate has been installed across the mouth of the discharge bay to raise the water level therein by 250mm to submerge the discharge, which will allow more efficient pumping.



One of the new pump canisters and discharge pipes installed in the sump of Clay Lake Pumping Station.