

Notes on the Chairman's comments on Mr Simpson's Report.

1. Highest flood in recent years was 19' 6½" O.D. on Tongue End gauge in Jany 1939.
Since then work has been carried out in the upper reaches of the River.
2. Recommended raising of the banks (see Engineer's Report of Feby 1940) was up to 20' O.D. up to Tongue End, rising from that point upstream on a grade of 1' 4" per mile to Kate's Bridge: one side from P'beck Bars Bridge throughout and Tongue End to Kate's Bridge on the other was estimated to cost £35,000.
3. The pumping in the early part of a flood even if stopped at, say, 14' O.D. would probably result in the raising of the peak level in the River Glen by 6" as, owing to the rapid rate of rise in the River the water from the Bourne South Fen would not have been fully discharged before the flood peak.
To cope with this raising of the peak level by still further raising the banks would cost it is estimated, ~~a-f~~ an additional £9,000.
4. As was pointed out at the Meeting of the Engineers to the Ministry, the Catchment Board, the Deeping Fen and Bourne South Fen, the fixing of a level at which pumping from the Bourne South Fen should cease would result, during a sustained flood, in the inundation of that Fen if no alternative outlet for the drainage was allowed for. It was shewn at that Meeting that in the early part of 1941, from the 23rd January to February 10th pumping would have been possible on 8 out 19 days only if the limit of pumping was set at 14' O.D. This sustained flood period extended well beyond the 10th February. ~~that date was~~