Notes on Mr the River Glen and its Banks, so far as trestricted pumping from Bourne South Fen. E.G. Taverner's Report to the River Welland Catchment Board as they would be affected

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Chairman, My Lords & Gentlemen,

that upon the whole, the available data has with in arriving at his considered opinion. have read Mr Taverner's Report data has on the above matter and fi has been very fairly dealt and find

One or two points, however appear to call for correction, or

at least, second thoughts.

months of 1941; 6 floods occ.
medium floods while the last
medium floods while the last occurred in the past through leaky freshwater for has been experienced due to an obstruction near are being dealt with, at the request of the Boundary Drainage Board, sweeping ailure of the Car Dyke Bank is mensuch failure is and was unlikely. ast through leaky freshwater feeds Such conditions have been experienced in the ords. A recent example occurred in the first the last, i statement ue to an obstruction near Thurlby. Thesat the request of the Bourne gouth Fen & the present works in the Dyke. occurred rred in this period. in March of that yes e Car Dyke Bank is m is made example occurred in the first three freshwater feeds, that there is no is mentioned. Five were above and overflowing Leakages have a major These matters recent Thurlby past

Conditions, a vive conditions, a vive Welland up to the present time.

-ditions in the two Rivers would have raised of chosure of the Glen Outfall raise a flatter surface. Welland Welland may -iated in part by the total remedy would be the enlargement of Taverner dismisses the the Channel above. od of cdosure of the Glen Outfall Sluice doors. The consup would cause a flatter surface slope in the River Glen crease in velocity and discharge. The flood periods in the consumption of the consumption general would be brought nearer together by improvements in the River d through and below Spalding, though the evil might be allevin part by the full benefit of the Outfall Improvement Works. Report The main point al statement is , a Glen flood h to the present alter and refers to the during the present works point for consideration, however, appears point for consideration, however, appears and refers to the second full paragraph on the refers to the second full paragraph of th the results has always preceded a misleading. F fact that future improvements preceded a flood in the River synchronisation of flood con-e the effect of lengthening the From in his the Glentfall calculations. same storm or in the River that Sluice and on page consequent page. weather

when many steps in the calculations have to be based upon assump Also, very little is said in the Report of the effects of In conclusion, while not doubting the accuracy of the -lations leading to the conclusions arrived at in the Report, Science of Hydraulics gives e widely different results with t This is especially so based upon assumptions the same calcu-

although it is quite possible the and probable further downstream. pumping into the River Glen anywhere except at or near that adverse effects are possible Tongue End,

Protection Clause, to cover any unforte to necessary works of improvement Board's Area. Therefore, I respectfully suggest, in the interests of that any agreement to pump into the River Glen might cion Clause, to cover any unforeseen effects in the River Glenser of the Cover any unforest of the Cover and Union in the River due of the Catchment of the have

Your Gentlemen, robedient servant,