11 Market Place, SPALDING. 15th May, 1940.

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To the Chairman and Members of the River Welland

## Catchment Board

Mr Chairman, My Lords and Gentlemen,

I beg to report, as instructed, upon the condition of the Sea Bank to the North of the River Welland extending from its junction with the Old Roman Bank 15 chains below Fosdyke Bridge, to its junction with the closure wall at the Old Kirton Creek some 2 miles 34 chains below.

trained channel of the River Welland, 100 feet. At Samphire Hall 1 mile 78 chains below Fosdyke the distance has increased to 650 feet. From this point the bank takes a northerly direction a North Westerly direction and at its lower end out above it is half a mile from the River. The bank the end. and then the below Bridge

bank to me It was ass height of Slopes on the Easterly gale would seem another 4 feet to be adde total ave action under top width er 4 feet to be added to the above height, bank height of 21 feet above Ordnance Datu be width to give adequate strength would be would be 1 to 1 on the landward side and would Sea s assumed meet the needs for protection of lassumed that the highest blown tide side. med that the highest the figurest med that the highest the livery of South 17 feet above Ordnance Datum (Livery or South in under the influence of an Easterly or South in under the influence of an Easterly or South in under the influence of an Easterly or South in under the influence of an Easterly or South in the would seem to point out the necessity for alle would seem to point out the necessity for alle would seem to point out the necessity for alle would seem to point out the necessity for a seem to be added to the above height, giving a feet. would be an ideal the needs for prote Ø comparison of lands enclosed. section to feet

would be of this least £2 This ideal section has been superimposed on drawings of surveyed sections of the present bank and the cost of repairing has thus been arrived at. It is calculated that 24,422,62 cu yards of spoil, obtainable from the marsh well in front of the bank, would be necessary. The getting, transport and trimming of this material, together with grassing would cost at least 10 500 £2,500. the

Survey During . the places course of Of f the Inspection and encountered as foll follows:-

(a) 49 chains below Fosdyke: the back cut Of and the Was bank was very steep. very

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60 chains below Fosdyke: consequential gain tadjacent field appeared to allow of the For the 40 above. a bend level was low, being 2 feet below dimensions dyke The proximity yke must affect t bank. field. of the the back of the bank ave been steepened he setting back of gain to the chains of B Of a deep stability set deep 0 out

## continued. 2.

- (c) In the next bank below at 1 mile 20 chains below Fosdyke was a runover and for a short distance the top of the bank was 2 feet lower than it should be: that is 9 inches below the present bank level. There were trees along the back of this bank and in rough weather much vibration is to be set up.
- (d) The next bank below had a narrow top; had many moles, had there bank. There were two runovers on this section at 1 m 44 chains and 1 mile 78 chains below Fosdyke. In the first a short length of the bank was 2 - 3" below plus 21 feet Ordnance Datum, and in the second near Samphire Hall about a chain of bank was 3 - 9" below the proper height. mile
- (e) From Samphire Hall to the junction of this bank to the Kirton Litake Bank, the shape and height were not far wrong but a coating of about 6 inches is to be recommended.

walked ruts and rabbits bank mentioned in (c) (d) and (e) ruts along the top and at the footbolts have caused damage in places. cattle have Sea side

If the Board contemplates taking over this my duty, I think, to point out that other have a similar claim for maintenance. this banks Sea Bank 1t

The other banks Kirton iver channel are.

[Inter chan in a similar position 3 miles 70 chains long, dill kept in parts. d to Catchment Area chains long: a good with relation to the

bank in parts. I have no data as to height or form of either of these banks.

I am, Gentlemen, Your obedient Servant,

