

# THE ALDE & ORE ASSOCIATION

Registered Charity No. 1154583



## ALDE AND ORE ESTUARY ASSESSORS REPORT

<b>NAMES:</b> Alison Andrews Roger Baxter Victoria Cozens Caron Hill	<b>DATE OF INSPECTION:</b>  16 April 2019
<b>LOCATION:</b>  Flood Cell 10 s	<b>AREA OF ASSESSMENT:</b>  Brick Dock to Martello Tower

### SUMMARY

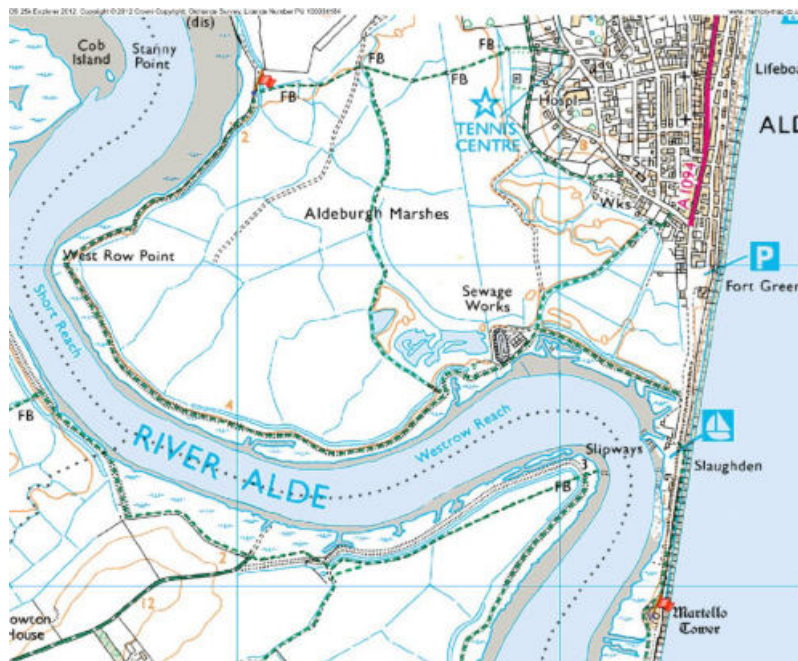
River Wall/Armour	Saltings	High Tide Debris Line
<p>One crack running centrally along part of refurbished wall now. Remaining wall due for bringing up to standard. Odd patches of decline in armour fronting.</p> <p>Path badly worn on eastern third of section to Slaughden (almost unusable Dec-March). Also poor grass coverage on new wall section</p>	<p>Showing further signs of damage over the winter particularly bare mud, some parts algae covered, at salting cliff edges.</p> <p>Iona saltings project just had hazel bundle renewal.</p> <p>Pilot sections set close to salting cliff mostly lost hazel bundles between tensor and bank.</p>	<p>January surge debris within 1 ft of top near Brick Dock but elsewhere mostly 2ft or more below top. March tide debris mostly at the base of the river walls.</p>

### River Bank Surveyed:

showing  
45 and 46 W E

TM map

56 and 55 N S



## DETAILS & PHOTOS

### RIVER WALL (going west then north from Slaughden)

#### Wall

Possible arc of slippage in back of wall around TM460 557



#### Front wall near Aldeburgh Sluice

- i. Upper line of concrete 'bricks' (approx 8x15" each) appear to be slipping down with two bare patches (approx 2ft across) above, above tide but not storm wave line?



- ii. New erosion of clay bank 6-8ft to east of armorlok protection TM 459557



- iii. West of sluice outlet, two patches of concrete blocks caving in with erosion of clay from behind (photo) one with hollow behind TM 458557



- iv. Note: no seepage behind wall at sluice, cured by works two years ago.
- v. Brick Dock curve stretch TM447563 to TM4450565 beginnings of collapse of armorlok in odd patches where soil is eroded behind two adjoining blocks, plus odd slippage of concrete blocks from the top (note there is a variety of armorlok/concrete blocks from different eras of repairs - is there a terminology we should use?) These failing appear not substantial at present but over several years will become so (experience from time before this frontage was repaired).
- vi. Repeating what is already known, back of river wall on Brick Dock curve TM 445560 to 450565 is far too steep (will be seen to on AOEP plan).

- vii. Brick Dock Steps to Jetty TM 450565 to 449568 over 50 year stretch now every 10 yards or so slippage of odd concrete blocks in the protective wall.



### Path

- i. Slaughden Road to steps (TM464556-459558) becoming ever more worn, very muddy and slippery in winter months. Between road and steps 12 2ft long 6” deep pits in path, including at the lowest point around TM460557 which is already a foot or more lower than the rest of the wall has been worn down a little more (the water came over here in 2013 surge).  
(Gate missing lock catch - to tell SCC ROW Dept)
- ii. Steps down from TM 456556 to path below, just at start of newly repaired river wall - very mushy/muddy despite no rain for several weeks - seepage?



- iii. Fence by gate to new river wall does not stop people passing on the river side and making wall edge front bare.



- iv. Newly repaired wall stretch - grass has not been able to establish except patchily, also very dry.
- v. At various points bare front edge to newly repaired wall, just the odd foot in patches.
- vi. On new wall, 20 yards of track with central line gap, with narrow crack 8" deep in places, slippage?



## SALTINGS

- i. Salting large pool - alongside wall at 460557 approx, appears to have enlarged compared with last year.

- ii. Salt marsh cliff edge just west of Aldeburgh Sluice - more broken off this year. TM 458557.



- iii. Inlet near Sailing West Row Buoy TM457556, more erosion of salting bank with mud at cliff edge not vegetation and some collapse of a chunk of salting
- iv. Salting degradation along front of new river wall at RM454554 - what there was (only a foot wide or so) has mostly lost its vegetation but wall is protected by concrete armour at base behind the saltings.



- v. Saltings pilot project - in most cases (5 sites) the hazel bundles behind the tensor fencing plastic has disappeared. Not clear how much protection the tensor offers - needs monitoring by AOEP.



- vi. Saltings fronting much of the whole stretch - showing signs of loss of vegetation at edge, instead bare, slippery hard mud and some partly covered by algae. This appears to be worse than last year. Advice on monitoring needed.
- vii. Pilot within Brick Dock Curve, TM447564 to TM 449565, some tensor stretches have been washed away and plastic removed. On what is left a 76 yard and 30 yard stretch could be reattached at either end (AOEP to deal).



viii. Near Brick Dock jetty, TM 458569, reeds covered in algae, not looking very healthy!



### **DEBRIS**

On most of the length from Slaughden to Stanny Point (sailing buoy/West Row on OS map) debris 3' or more below top of bank.

On much of the stretch from Stanny to east end of Brick Dock, TM444560 to 440565, debris sometimes within 1 foot of the top of the bank (reflecting effect of long westerly fetch?)

Alison Andrews  
9 May 2019