

# THE ALDE & ORE ASSOCIATION

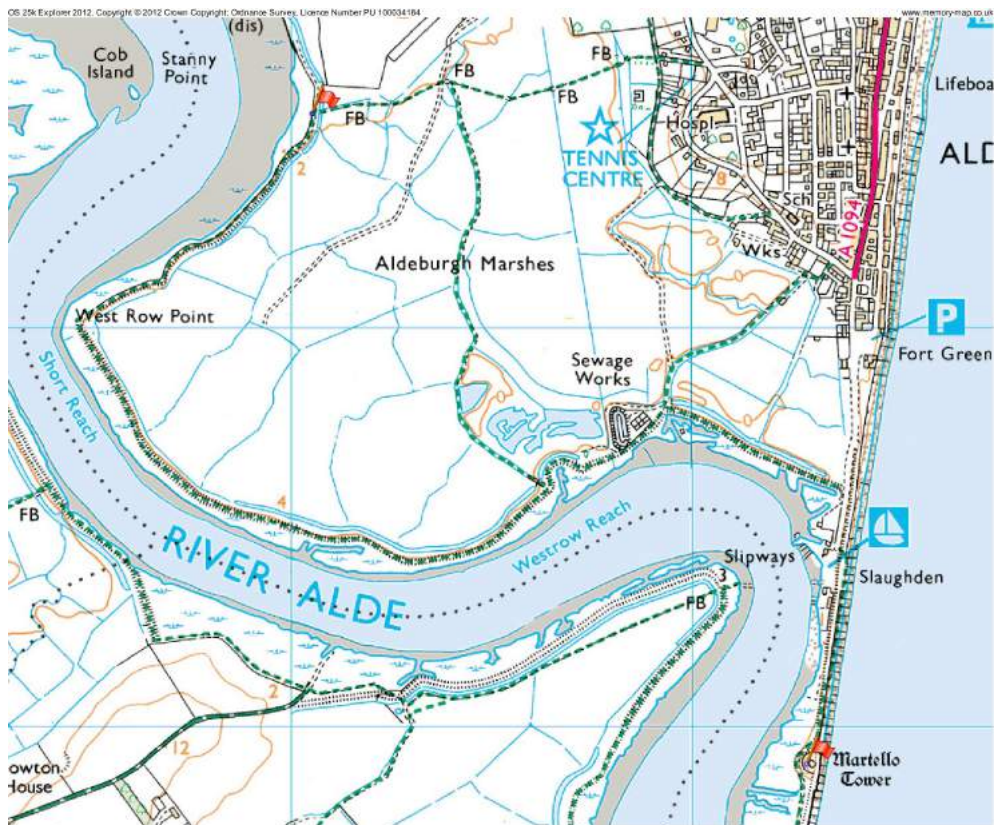
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## ALDE AND ORE ESTUARY ASSESSORS REPORT

<b>NAME:</b> Alison Andrews ( with Roger Baxter and Simon Reed)	<b>DATE OF INSPECTION</b> April 2017
<b>LOCATION :</b> Brick Dock to Martello, river side TM 450565 to 463548 Part II SALTINGS report All map references from OS Explorer 212	<b>MARCH/Equinox Spring tide</b> <b>Note: Surge January 2017- strong North Winds on a 2.5 m surge on top of high tide may have contributed to winter damage</b>
<b>CO-ORDINATOR:</b> Amanda Bettinson	<b>Send to email: John Grayburn</b>

### River walls inspected



**CATEGORIES TO REPORT ON**

<b>RIVER WALL /ARMOUR</b>	<b>SALTINGS</b>	<b>HIGH TIDE DEBRIS LINE</b>
	<p>Saltings projects: that near Brick Dock, where most of the tensar plastic netting has been lifted off its posts where the stretch is most exposed to winds and waves.</p> <p>Iona site: in 2016 healthy brown seaweed coated the faggots but a noticeable proportion of the original faggots have now deteriorated (AOEP Plan in hand to replace them).</p> <p>Saltings adjacent to pilot to protect the cliff edge of saltings need consideration, it may be tidal flows are denuding the first foot or so of the tops adjacent to the chestnut stakes constructions</p> <p>Like last year, saltings generally battered down during the winter.</p>	<p>In the January 2017 surge, very considerable amounts of debris accumulated in the corner of the saltings on Slaughden bend and it is of concern that it may smother regrowth: this needs watching</p>

## SALTINGS

General comment- as last year along the entire stretch the vegetation on the saltings appears to have battered again over the winter. The strong river flow driven by strong W- NW winds in the January surge could have affected the section from Stanny to Aldeburgh Sluice TM4445560 – 460557 particularly.

1. At numerous points the saltings are also eroding at the edges. Photos from 2016 and 2017 near Chapmans Creek

2016 Photo at TM 448555 below



2017 photo





2. Saltings to west of Aldeburgh sluice armour appear to have been eroded.

TM458557



3. Algal slime. What seems to be a new appearance is some green algal slime deposited by the tide on top of the saltings which may be contributing to denudation or a feature of hard winter flows. Is it of concern?



4. Longitudinal saltings pilot. TM 445556. A series of sections were installed using chestnut stakes and a mixture of tensar plastic and hazel wood bundles. The characteristics of the salting behind has changed and there are now mud only surfaces for one –three feet on the top of the saltings behind those zones. This needs consideration as the causes may be simple river flow or the impact of the large surge force on January.





5. Brick Dock. TM 449564 Further failure of the pilot project tensor stretch, probably reflecting inability to cope with rolling waves resulting from long western fetch.



6. Possible impact of exceptional load of debris on saltings near Slaughden road. TM464556. To be monitored.

