

# THE ALDE & ORE ASSOCIATION

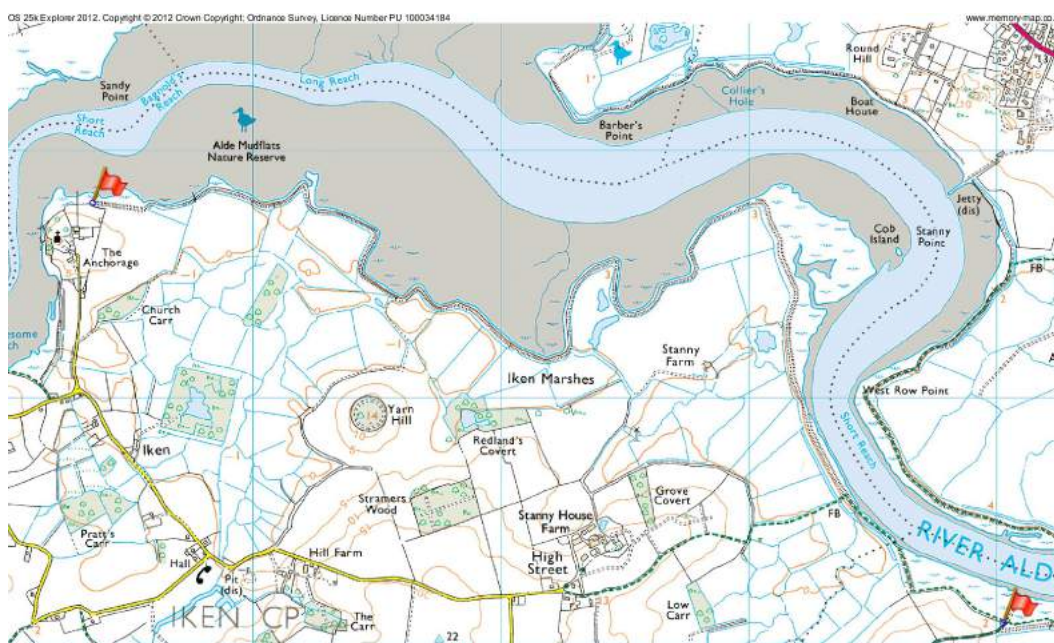
Registered Charity No. 1154583



## ALDE AND ORE ESTUARY ASSESSORS REPORT

<b>NAME:</b> Simon Barrow / Keith Martin	<b>DATE OF INSPECTION:</b> 21 April 2017
<b>LOCATION:</b> Flood Cell 5	<b>AREA OF ASSESSMENT:</b> <u>Chapmans Creek to Anchorage, Iken</u>

### River Bank surveyed



### Our summary:

1. The high tide debris line shows marked variations and a clear indication of priorities
2. Some of the already damaged armour is much worse versus previous inspections
3. The now blackened and much reduced stakes in the mud to protect and encourage saltings need replacing in many areas. This is easier and cheaper than work on the walls themselves. Why not do this anyway and right now?
4. Some variations in grass level on the walls, Some long some short. What is the correct level?
5. Some cracking on the top of the walls.
6. Mole alert! Noticed mole hills for the first time on the tops. Knowing the extent of the digging they do, we must conclude that this is a risk to the integrity of the walls

Grid ref	River Wall/Armour	Saltings	High Tide Debris Line
Paul Cook			
552 453	Seems height lower than to the west (1.5m area) Check: LIDAR	Nil in gap. Needs stakes to help build up	20cm below path



555 444	Ok	Salting 'bay' in place. Mud filling and vegetation growing. Good result of stakes	ok
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558 442			0.8 metres below
559 442		Needs new stakes. Existing ones hardly visible but have done good – see vegetation	



560 442	✓	15 m	0.3 metres below
562 442	✓	Excellent	10cm very close
564 443	Hole on top of river wall – several on this stretch	✓	1.5 metres plus



566 441	First notice – mole hill on top	✓	1.5 metres plus
568 441		Opp Hazelwood new stakes needed – big defenceless bay visible	1.0 metres



568 440	✓	Old stakes need replacing all along this stretch	1.6 metres
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567 438	Serious damage to armour and several to the west of it	Stakes worn	1.0 metres
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565 437	✓	Stakes across the bay	1.2 metres
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564 437	Big hole on land side	✓	1 metre
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565 433	Serious buckle, much worse than before	Old stakes in diamond shape	0.5 metres
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562 433	✓	Why are the saltings so brown? Looking dead	1.5 metres
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562 431	<b>West of pumphouse</b> <b>Loose armour stones.</b> <b>Dumping of spares or real damage?</b> <b>20 m further west broken armour (yet quite recently put in place)</b>	<b>Nil – stakes worn and not across the bay</b>	0.5 metres
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<b>Richard Mann</b>			
<b>563 429</b>	✓	<b>Only a little vegetation</b>	<b>0.3 metres</b>



<b>563 428</b>	<b>Mole hills landwards</b>	<b>Bay is protected but very old stakes. Need replacing.</b>	<b>OK</b>
<b>564 424</b>	<b>Cracking on top</b>		





<b>John Hailes</b>			
<b>567 425</b>	<b>Hole on top of wall Mole damage</b>		<b>OK</b>
<b>567 426</b>	<b>One gorse bush! Needs removing. West 200m bramble growing</b>		<b>OK</b>

<b>568 422</b>	<b>Multiple serious cracks on landside over 200m Decaying tops on river side and fall on land side too steep</b>	<b>10 metres of salting</b>	<b>OK</b>
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568 421	Dip in top of wall 2.5m width, 0.3m deep	4 metres	0.2 metres
568 415	✓	4 metres	2.5 metres, excellent!
568 413	Old root damage and gorse on riverside	✓	✓

