

**THE WASH EAST COASTAL MANAGEMENT STRATEGY**  
**STAKEHOLDERS FORUM**

**Thursday, 7th October, 2021 at 9.30 am on Zoom**

**AGENDA**

1. **INTRODUCTION**
2. **APOLOGIES**
3. **MINUTES FROM THE PREVIOUS MEETING** (Pages 2 - 15)
4. **MATTERS ARISING**
5. **FUNDING GROUP UPDATE**
6. **COASTAL MANAGEMENT PLAN**
7. **ANY OTHER BUSINESS**
8. **DATE OF THE NEXT MEETING**

**BOROUGH COUNCIL OF KING'S LYNN & WEST NORFOLK**

**THE WASH EAST COASTAL MANAGEMENT STRATEGY STAKEHOLDER FORUM**

**Minutes of the Meeting of the above held on Wednesday, 2nd October, 2019  
at 10.00 am in the Meeting Room at Valentine Road, Hunstanton**

**PRESENT:**

Councillor Ian Devereux (Chairman)	-	Borough Councillor
Paul Bland	-	Heacham South Beach Owners Association
David Bocking	-	Snettisham Parish Council
Paul Burrows	-	Environment Agency (EA)
Gemma Clark	-	Norfolk Coast Partnership
Catherine Harries	-	Environment Agency
Peter Jermany	-	Borough Council
Jade Kite	-	Borough Council
Peter Lawton	-	St La Haye
Derrick Lloyd	-	J & J Wilson and L & J Leisure
Andrew Murray	-	Hunstanton Civic Society
Dave Robson	-	Borough Council
Michael Ruston	-	Hunstanton Chamber of Trade
Georgie Sutton	-	Marine Management Organisation (MMO)
Victoria Wight	-	Natural England (NE)
Michael Williamson	-	Heacham Parish Council
Adrian Winnington	-	Hunstanton Town Council

		<b><u>ACTION</u></b>
<b>1</b>	<b><u>APOLOGIES</u></b>	
	Cllr Paul Beal - Borough Councillor	
	Cllr Carol Bower - Borough Councillor	
	Emily Clark - Anglian Water	
	Terry Clay - Heacham Parish Council	
	Guy Cooper - Environment Agency	
	Will Fletcher - Historic England	
	Dan Glasson - AECOM	
	Estelle Hook - Norfolk Coast Partnership	
	Eleanor Johnston - MMO	
	Andy Millar - Natural England	
	David Norman - Heacham North Beach Owners Association	

	M Robinson - CIC Member Tamara Rowson - Natural England Jim Scott - RSPB Rob Wise - NFU	
<b>2</b>	<p><b><u>INTRODUCTIONS</u></b></p> <p>The Chair welcomed everyone to the meeting. Those present introduced themselves.</p>	
<b>3</b>	<p><b><u>UPDATE ON RECENT HIGH TIDES AND FLOOD WARNINGS</u></b></p> <p>Paul Burrows from the Environment Agency was present at the meeting and provided an update on the recent high tides as follows:</p> <ul style="list-style-type: none"> <li>• In the past few days there had been a range of high tides and strong winds which had triggered flood alerts, including along the Unit C stretch.</li> <li>• He felt that the multi-agency response and precautionary evacuation procedures had worked very well.</li> <li>• Feedback and lessons learned.</li> <li>• The flood gates had been closed at King's Lynn and Coastal Patrols had been carried out.</li> <li>• There may have been some damage to the Shingle Ridge, including around Heacham Dam, and this would be monitored by the Environment Agency to see if remediation work was required.</li> <li>• Those present were invited to provide feedback to Paul Burrows on the precautionary evacuation process.</li> <li>• There had been no significant flooding or damage.</li> </ul> <p>In response to a question regarding development in the southern area of Hunstanton, South Beach Road and Policy DM18, it was explained that the Borough Council's Local Plan was currently under review and individuals now had the opportunity to make comments on individual policies and the plan as a whole. Members present at the Forum who had concerns with DM18 were encouraged to take part in the consultation process.</p> <p>It was asked if flood warnings had been extended to King's Lynn and it was explained that they had. Flood gates had been closed, dam boards erected and the South Quay car park had been closed.</p> <p>Dave Robson asked for his thanks to be passed onto Hunstanton Town Council for the use of the Community Centre as a Rest Centre during the precautionary evacuation period.</p>	<p>All</p> <p>All</p>
<b>4</b>	<p><b><u>MINUTES FROM THE PREVIOUS MEETING AND MATTERS ARISING</u></b></p>	

	<p>The notes from the previous meeting were agreed as a correct record.</p> <p><u>Matters Arising</u></p> <ul style="list-style-type: none"> <li>• The Chair would pass on issues raised regarding Policy DM18 to the relevant Portfolio Holder.</li> <li>• It was reported that there were still issues with sand being removed from outside properties on the beachfront at Heacham Sand Dunes. Catherine Harries agreed to liaise with Paul Bland on this.</li> </ul>	<p>ID</p> <p>CH/PB</p>
5	<p><b><u>FUNDING GROUP UPDATE</u></b></p> <p>Dave Robson provided an update to the Group:</p> <ul style="list-style-type: none"> <li>• The Funding Group continued to meet approximately three times a year.</li> <li>• Voluntary donations were still being received for the recycling work.</li> <li>• Funds not required for the recycling work would be carried over for the recharge work when required.</li> <li>• Beach levels were regularly monitored during the year and were currently at healthy levels, therefore a recharge was not required at present.</li> <li>• When a recharge was required, a variety of options would be considered. It was acknowledged that there was a significant amount of preparation involved before a recharge could commence.</li> <li>• More information on the work of the CIC was available in the recent Local Sea Defences Newsletter.</li> </ul> <p>In response to a question regarding consideration of a hard defence it was explained that these could be damaging to the environment and the beach and, in a couple of generations time, could require a recharge to maintain structural integrity.</p> <p>Comments were also made regarding the creation of Denver Sluice in the 1940's and the impact that this may have on the Wash and the Ouse. It was explained that this could be looked at as part of a wider Environment Agency project on the future of the fens.</p>	
6	<p><b><u>COASTAL MANAGEMENT PLAN</u></b> (Pages 6 - 14)</p> <p>A presentation and update on the Hunstanton Coastal Management Plan was provided (as attached). Those present were reminded that options had been consulted on last year and then shortlisted.</p>	

Funding would be required and then the options would be presented to the Borough Council's Cabinet for consideration as the Council would be part funding the works. It was explained that other plans for the regeneration of Hunstanton had caused a slight delay in taking the options forward as this potentially included work to the promenade.

#### Unit A - Cliffs

The preferred option remains Rock Armour across the length of the cliffs (Promenade to Old Hunstanton). There will be no active intervention for the short to medium term, with the preferred option being implemented in the longer term (estimated fifty years' time) which follows the Shoreline Management Plan policy for the cliffs. It was noted that the exact implementation date is yet to be determined.

An annual monitoring programme of the cliffs was being established to provide further information and data on the baseline and annual erosion rates, trigger points and implementation date of the preferred works for Unit A. This would likely consist of terrestrial LiDAR survey.

Consideration would also have to be given to the environmental designations covering the cliffs as an area of natural importance and the necessary licences and approvals from the MMO, NE and EA that would be required before rock armour could be installed.

Those present discussed the preferred option, other options which had been discounted and the timescales for intervention.

#### Unit B – Promenade

There are some short term works planned for the next five years. First, all 19 groynes (timber and concrete) would be repaired over the next four years. The second on the promenade, with a resurfacing and joint resealing of a section of promenade.

In the longer term (15 to 35 years) the seawall would be refaced, the rear flood wall increased in height and gates would be replaced.

#### Funding

The Borough Council will part fund the interventions and an application has been submitted for Local Levy funding to fund the rest of the project. The outcome of the local levy funding application would be known later in the month. If funding was not awarded, other options would need to be considered.

#### Proposed Timescale

	<ul style="list-style-type: none"> <li>• RFCC to determine Local Levy funding application – October 2019</li> <li>• Cabinet/Council consideration – November 2019</li> <li>• MMO, Natural England and Environment Agency agreements – November/December 2019</li> <li>• Design work – January 2020</li> <li>• Tender for works – January to March 2020</li> <li>• Select contractor – April/May 2020</li> <li>• Some work to the groynes to be carried out Summer 2020.</li> <li>• Promenade works – Autumn 2020</li> <li>• Cliff survey to start in Summer 2020.</li> </ul> <p>It was noted that all timescales are yet to be confirmed.</p> <p>In response to a question regarding groynes at Snettisham, Catherine Harries agreed to investigate and liaise with David Bocking.</p> <p>It was also asked if Habitat Mitigation payments could be used for the cliff monitoring. Councillor Devereux commented that there was already a lot of pressure on this fund, but he could raise it at the relevant co-ordination Panel.</p>	CH/DB  ID
7	<p><b><u>ANY OTHER BUSINESS</u></b></p> <p>It was asked if anyone present knew if the Hexagons which had been installed at Hemsby had been successful. Comments were made that they were low cost, but not that effective. It was also noted that the beach at Hemsby was very sandy, so therefore very different to the Hunstanton cliff coastline.</p> <p>Dave Robson reminded those present that lots of different options had been considered before options had been shortlisted and then the preferred options taken forward.</p>	
8	<p><b><u>DATE OF THE NEXT MEETING</u></b></p> <p>To be confirmed.</p>	

**The meeting closed at 12.00 pm**

# Hunstanton Coastal Management Plan 7 WECMS Briefing 9

Dave Robson

Borough Council of  
King's Lynn &  
West Norfolk



# Unit A - Cliffs

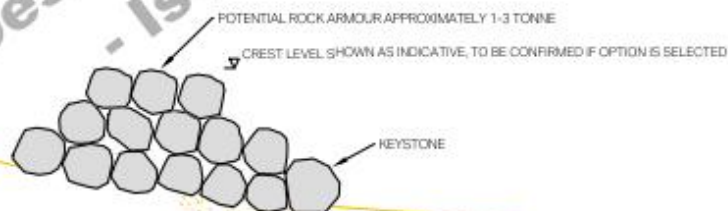
- Preferred option Rock Armour at base of Cliffs
- Follow SMP - No Active Intervention
- Implement Annual Monitoring Programme -  
£12K p.a.
- Use ground base LiDAR & Drone (ariel survey)
- Establish trigger point & implementation date
- Install Rock Armour likely around 2070+







LOCATION MAP



+6.06mOD  
1 IN 200 (2/117)  
HAT +4.45mOD  
MHWs +3.65mOD  
MWN +1.85mOD

EXISTING BEACH SHOWN INDICATIVELY  
(LEVEL VARIES)

TYPICAL CROSS SECTION  
Scale 1:100

# OUTLINE DESIGN - FOR APPRAISAL

BOROUGH COUNCIL OF KING'S  
LYNN & WEST NORFOLK

HUNSTANTON  
COASTAL MANAGEMENT PLAN

SHORT-LISTED OPTIONS  
OPTION 1  
ROCK ARMOUR  
REVETMENT / SILL

Scale 1:1000

Scale 1:1000

Scale 1:1000

Scale 1:1000

Scale 1:1000

Scale 1:1000

Scale 1:1000

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# Unit B

- Groynes – replace & repair (Year 1-4)
- Promenade – resurface concrete pads & joint reseal (Year 1-2)
- Seawall – reface (Sections D,E,F,G Year 15)  
(Sections A,B,C Year 35)
- Rear Flood Wall (Inc. gates) – increase height/  
gates replace (Year 35)



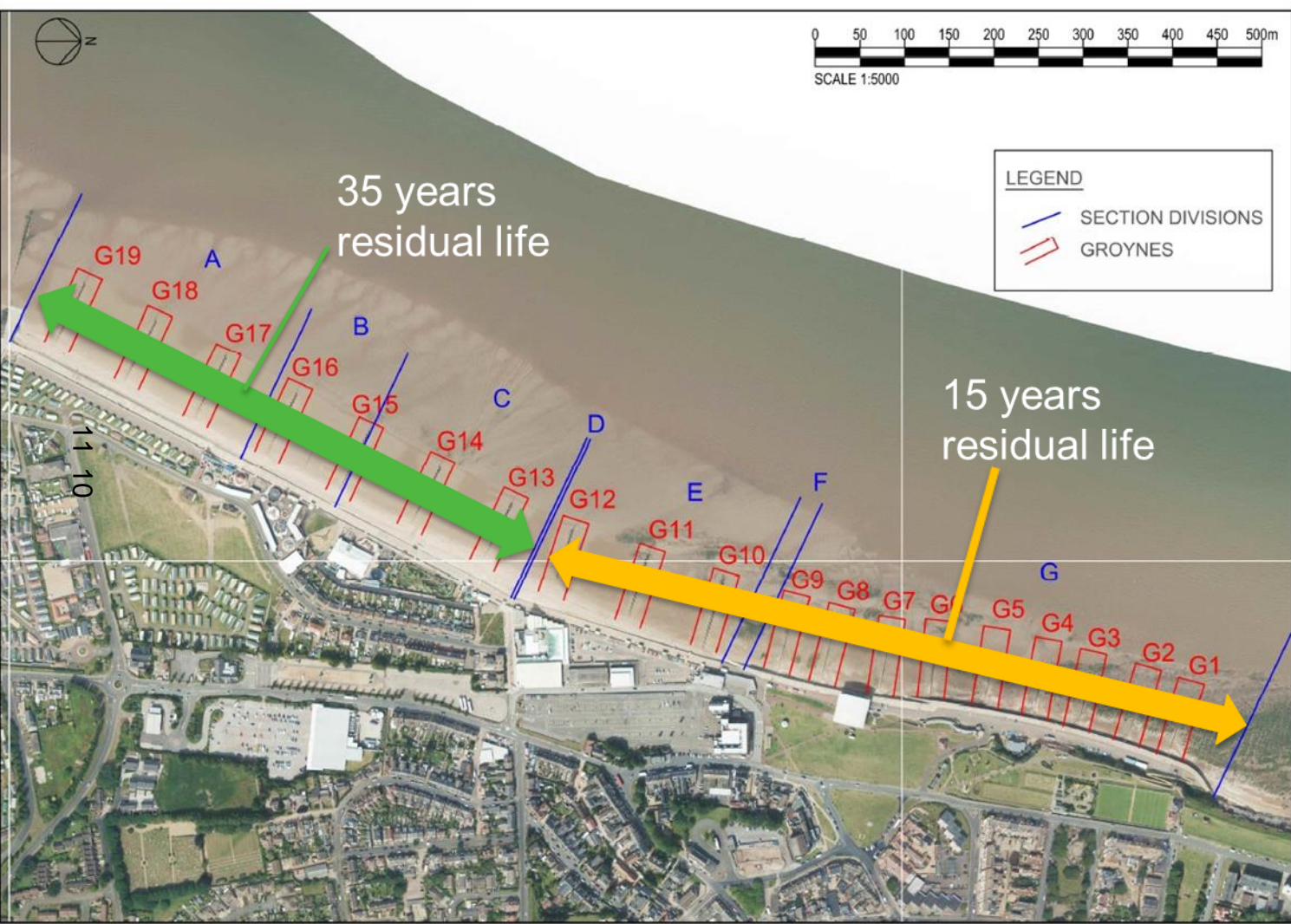


LEGEND

-  SECTION DIVISIONS
-  GROYNES

35 years  
residual life

15 years  
residual life



# RFCC – Local Levy Funding Bids

Work	Timeline	BCKLWN Costs	RFCC Local Levy Application
Groynes	1yr – 4yr	£50,000 p.a.	£50,000 match funding for total of £100,000 p.a. Total cost £400,000 over 4years
Cliff Monitoring	Annual Survey	£6,000 p.a.	£6,000 p.a. match funding for total for £24,000 Annual cost £12,000 p.a. ongoing Total bid is £24,000 BCKLWN £24K + LL £24K = £48K for 4 years monitoring
Prom Resurface Sections D,E & F (300m) & reseal joints	1yr - 2yr	£215,000	£215,000 match funding for total of £430,000 Arts Council grant £100,000 = public realm  Total £530,000









# Proposed Timeline (all dates tbc)

- RFCC to determine bids Oct 2019
- Cabinet/ MT to confirm funding Oct/Nov
- MMO/ EA/ NE sign off Nov/ Dec
- Implement design work from Jan 2020
- Tenders issued Jan to March
- Select Contractor April/ May
- Groyne work start Summer 2020
- Prom works Autumn 2020
- Cliff Survey Summer 2020

15  
14

