

## Borth Coastal Protection Scheme – Weekly Report

Week 45 – ending 18th November

ECC PM :	Atkins	Rob Morgan
Contractor:	BAM Nuttall	Ray Jones
CDM coordinator	Faithful and Gould	Martin Clark
Site Supervisor	Royal Haskoning	Alice Johnson

### Planned Activities

Area	Description	Completion
Site Compound	Completed. Main number is 01970 871 834.	100%
Beach Access North	North Access is complete Some replacement and rock fragments remain.	100% place 60% tidy up
Beach Access South	Southern access is complete.	100%
Groyne 1	Groyne 1 is complete.	100%
Groyne 2	Groyne 2 is complete	100%
Breakwater 1	No work on Breakwater.	66% core 7% top
Breakwater 2	Breakwater 2 is complete	100%
Temporary Causeway	Temporary causeway is complete	100%
North Reef	Work is waiting on progress of the south reef. Rock being reused from north reef to progress south reef.	98% bedding 100% core 43% top
South Reef	Rock being placed in layers by GPS controlled plant. Work continued. Further rock required to be brought in due to a shortfall.	98% bedding 100% core 42% top
Shingle Nourishment Material	Shingle deliveries are now complete.	100%
Shingle Nourishment Placement	Further works are waiting on peat and clay to be removed from breakwater 1 and reefs to be completed.	75%
Other	A maritime exclusion zone is now in place around the reef and causeway; the reefs are now marked by the permanent west cardinal. Cast headwall on outfall finishing and grill still required.	-

### Weather and Tidal Conditions

- Neap tides and mixed weather.

### Plant on Site

- 1Nr. Bulldozer
- 1Nr. Tele-handler and bowser all week
- 1Nr. 340 tracked excavator
- 4Nr. 450 tracked excavator with grabs
- 3Nr. 35t dumper truck

### People on Site

- 8Nr. Bam Staff and Support
- 7Nr. Labour
- 9Nr. Plant operators

## Material approval and delivery

- Shingle deliveries completed on Thursday.

Type	E – Replacement	C1 – Natural	5-100kg Stone	0.3-1t Rock	0.5-1t Rock	3-6t Rock	6-10t Rock
14-11		327.18					
15-11		346.66					
16-11		343.08					
17-11		217.64					
18-11		0					
<b>Total to week</b>	<b>0.00</b>	<b>1,234.56</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Previously	122,699.91	53,433.22	13,419.71	21,916.88	7,755.28	26,680.70	42,050.80
<b>Total to date (5.11.11)</b>	<b>122,699.91</b>	<b>54,667.78</b>	<b>13,419.71</b>	<b>21,916.88</b>	<b>7,755.28</b>	<b>26,680.70</b>	<b>42,050.80</b>
<b>QS Total (14.11.11)</b>	<b>123,940</b>	<b>50,896</b>	<b>15,151</b>	<b>22,202</b>	<b>7,806</b>	<b>25,241</b>	<b>42,211</b>

NB. This is an approximate table and checked tonnages are held by QS.

## Planned Activities Next Week

- Continue to place stone and rock in Southern reef.
- Carry on shingle nourishment placement.
- Continue of Breakwater 1

## Public Relations

Welsh Government minister visited site for launch of Flood and Coastal Defence Risk Management Strategy.