

# Borth Coastal Protection Scheme – Weekly Report

Week 38 – ending 30th September

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	100%
Beach Access South	Southern access is complete	100%
Groyne 1	Groyne 1 is complete.	100%
Groyne 2	Groyne 2 is complete	100%
Breakwater 1	Breakwater 1 started Thursday.	12% core
Breakwater 2	The structure is now complete. There remains some tidying up of fragments in the structure.	100%
Temporary Causeway	Temporary causeway is complete. Further work required to resurface after damage by the storm.	100%
North Reef	Work is continuing on the northern reef at low tides with rock being placed in layers by GPS controlled plant. Work on reef on Type 4.	98% bedding 100% core 50% top
South Reef	Rock being placed in layers by GPS controlled plant. Work continued well with good tides. Unable to finish bedding. Started work on paved finish.	94% bedding 100% core 0% top
Shingle Nourishment Material	Further rounded shingle been brought in and is currently being stockpiled. (100% replacement and 46% rounded)	74%
Shingle Nourishment Placement	No further work on replacement as waiting on peat and clay to be removed from breakwater 1 and reefs to be completed.	55%
Other	A maritime exclusion zone is now in place around the reef and causeway, partially marked by the yellow special marks. The reefs are now marked by the permanent west cardinal. Pilling has been carried out and the base of the marker posts and the outfall extension piles are in.	-

## Weather and Tidal Conditions

- Spring tides and fair weather.

## Plant on Site

- 1Nr. Bulldozer
- 1Nr. Tele-handler and bowser all week
- 1Nr. Tractor and water bowser
- 1Nr. 340 tracked excavator
- 5Nr. 450 tracked excavator with grab
- 3Nr. 35t dumper truck

## People on Site

- 8Nr. Bam Staff and Support
- 8Nr. Labour
- 10Nr. Plant operators

- 3Nr. Others

### Material approval and delivery

- Additional core material to be brought in for use in Breakwater 1
- Natural shingle is from Cefn Graianog.

Type	E – Replacement	C1 – Natural	5-100kg Stone	0.3-1t Rock	0.5-1t Rock	3-6t Rock	6-10t Rock
26-9		418.84		95.52			
27-9		490.62		267.64			
28-9		408.82		306.36			
29-9		460.26		307.32			
30-9		372.38		325.16			
<b>Total to week</b>	<b>0.00</b>	<b>2150.92</b>	<b>0.00</b>	<b>1302.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Previously	122,699.91	39,716.83	12,817.47	18,683.8	7,755.28	26,680.70	42,050.80
<b>Total to date (23.9.11)</b>	<b>122,699.91</b>	<b>41,867.75</b>	<b>12,817.47</b>	<b>19,985.38</b>	<b>7,755.28</b>	<b>26,680.70</b>	<b>42,050.80</b>
<b>QS Total (03.10.11)</b>	<b>132,940</b>	<b>41,606</b>	<b>14,549</b>	<b>20,234</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 Northern reef.
- Continue to place stone and rock in Southern reef.
- Continue work on outfall and marker posts.
- Continue on Breakwater 1
- Import materials

### Public Relations

- Bam have submitted an article on their environmental approach to Friends of Cardigan Bay.