

Borth Coastal Protection Scheme – Weekly Report

Week 37 – ending 23rd 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	Not Started. Extra core rock is being brought in to enable this to be built in parallel to the reefs.	0%
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 43% top
South Reef	Works to the southern causeway has begun. Rock being placed in layers by GPS controlled plant. Work on reef in latter part of week with improved tides.	75% bedding 82% core 0% top
Shingle Nourishment Material	Further replacement has been brought in and is currently being stockpiled. (100% replacement and 46% rounded)	74%
Shingle Nourishment Placement	Work has restarted due to the end of the holidays and limited work out on the reef. Further replacement has been placed between the slipway and cliffs.	55%
Other	A maritime exclusion zone is now in place around the reef and causeway, partially marked by the yellow special marks. This is due to be marked by a west cardinal mark. Work carried out over the weekend Saturday and Sunday.	-

Weather and Tidal Conditions

- Neap tides and mixed weather.

Plant on Site

- 1Nr. Bulldozer
- 1Nr. Tele-handler and bowser all week
- 1Nr. Tractor and water bowser
- 1Nr. 240 tracked excavator
- 1Nr. 340 tracked excavator
- 4Nr. 450 tracked excavator with grab
- 3Nr. 35t dumper truck.(1 on standby)

People on Site

- 9Nr. 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
19-9		408.64					
20-9		586.34					
21-9		465.18					
22-9		502.18		129.38			
23-9		433.65		74.54			
Total to week	0.00	2,395.99	0.00	203.92	0.00	0.00	0.00
Previously	122,699.91	37,320.84	12,817.47	18,479.88	7,755.28	26,680.70	42,050.80
Total to date (23.9.11)	122,699.91	39,716.83	12,817.47	18,683.8	7,755.28	26,680.70	42,050.80
QS Total (26.9.11)	123,983.52	39,459.48	14,505.73	18,933.80	7,806.71	25,240.94	42,211.20

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.
- Start on shingle south of outfall
- Start on Breakwater 1
- Import materials

Public Relations

- Further articles on BBC website and Cambrian news referring to defences.
- A school visit was made by GCSE students from Church Stretton
- The Environment Agency continue to monitor water quality and there continue to be good results.