

Borth Coastal Protection Scheme – Weekly Report

Week 40 – ending 15th October

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	Work continued with spring tides. Though was hampered by lack of light and temperamental GPS.	25% 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 two days work to south causeway after weather.	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 55% top
South Reef	Rock being placed in layers by GPS controlled plant. Work continued on paved finish and as much bedding as possible.	98% bedding 100% core 10% top
Shingle Nourishment Material	Further rounded shingle been brought in and is currently being stockpiled. (100% replacement and 76% rounded)*	92%
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. Work continued on outfall to place stone at end and build shutters for the end concrete.	-

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
- 4Nr. 450 tracked excavator with grabs
- 3Nr. 35t dumper truck

People on Site

- 8Nr. Bam Staff and Support
- 7Nr. Labour

- 9Nr. Plant operators
- 3Nr. Others

Material approval and delivery

- 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
10-10		425.82		134.06			
11-10		408.34		190.14			
12-10		406.30		189.44			
13-10		286.40					
14-10		140.06					
Total to week	0.00	1,666.92	0.00	513.64	0.00	0.00	0.00
Previously	122,699.91	43,899.07	13,419.71	21,403.24	7,755.28	26,680.70	42,050.80
Total to date (23.9.11)	122,699.91	45,565.99	13,419.71	21,916.88	7,755.28	26,680.70	42,050.80
QS Total (17.10.11)	132,940	45,302	15,151	22,202	7,806	25,241	42,211

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 shingle

Public Relations

- An article is published in the Cambrian News on the performance of the storm in September.