

Borth Coastal Protection Scheme – Weekly Report

Week 36 – ending 17th 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. Slow work due to rough seas making it inaccessible until Thursday.	98% bedding 100% core 41% top
South Reef	Works to the southern causeway has begun. Rock being placed in layers by GPS controlled plant. Slow work due to rough seas and poor tides making it inaccessible until Thursday.	66% bedding 74% 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 the southern stockpile area.	50%
Other	A maritime exclusion zone is now in place around the reef and causeway, marked by the yellow special marks. This is due to be marked by a west cardinal mark.	-

Weather and Tidal Conditions

- Spring tides and rough seas early in week
- The permanent navigation is due to be installed due to the drifting ashore of the temporary marker during the recent storm

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
12-9		321.88					
13-9		321.98					
14-9		350.18					
15-9		499.36					
16-9		351.88					
Total to week	0.00	1,845.28	0.00	0.00	0.00	0.00	0.00
Previously	122,699.91	35,475.56	12,817.47	18,479.88	7,755.28	26,680.70	42,050.80
Total to date (17.9.11)	122,699.91	37,320.84	12,817.47	18,479.88	7,755.28	26,680.70	42,050.80
QS Total (13.9.11)	123,924	35,570	14,525	18,749	7,770	25,325	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.
- Start on shingle south of outfall
- Start on Breakwater 1
- Import materials

Public Relations

- Article in New Civil Engineer Magazine on Borth's Big Dig.