

Borth Coastal Protection Scheme – Weekly Report

Week 42 – ending 30th 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	Good progress with tide and significant amount of core placed towards the southern end of the structure. Method is proving more effective than that used on Breakwater 2 with the minimisation of tracking on and disturbance of peat and clay and using shingle for temporary access tracks.	66% 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	100%
North Reef	Divers into survey toe stones. Work is waiting on progress of the south reef.	98% bedding 100% core 55% top
South Reef	Rock being placed in layers by GPS controlled plant. Good progress this week with the start of placing paved finish at the southern round end. Unclear if there is sufficient quantity of large rock.	98% bedding 100% core 23% top
Shingle Nourishment Material	Further rounded shingle been brought in and is currently being stockpiled. (100% replacement and 91% rounded)	95%
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 some finishing still required. Containers removed at north end.	-

Weather and Tidal Conditions

- Good tides and weather all week though heavy seas on Saturday night.

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
- 2Nr. Others

Material approval and delivery

- Alternative shingle source from Aberystwyth start Friday.
- Natural shingle from Cefn Graianog finished Thursday.

Type	E – Replacement	C1 – Natural	5-100kg Stone	0.3-1t Rock	0.5-1t Rock	3-6t Rock	6-10t Rock
24-10		277.88					
25-10		277.52					
26-10		250.22					
27-10		222.84					
28-10		351.40					
Total to week	0.00	1,379.86	0.00	0.00	0.00	0.00	0.00
Previously	122,699.91	46,237.57	13,419.71	21,916.88	7,755.28	26,680.70	42,050.80
Total to date (24.10.11)	122,699.91		13,419.71	21,916.88	7,755.28	26,680.70	42,050.80
QS Total (31.10.11)	132,940	47,353	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 Southern reef.
- Continue on Breakwater 1
- Carry on shingle nourishment placement.
- Import shingle