

## Borth Coastal Protection Scheme – Weekly Report

Week 33b – ending 26<sup>th</sup> August (weeks numbered 31-33 should be numbered 30-32)

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. This is waiting on the completion of the reef and removal of the causeway.	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	100%
North Reef	Work is continuing on the northern reef at low tides with rock being placed in layers by GPS controlled plant. Rock core placement is nearly complete. The core is now making its way up to the seaward end. Rocks being placed according to the specification (paved finish). Limited progress due to waves and weather.	75%
South Reef	Works to the southern causeway has begun. Rock being placed in layers by GPS controlled plant. Limited progress due to access on neap tides.	16%
Shingle Nourishment Material	Further replacement has been brought in and is currently being stockpiled. (100% replacement and 33% rounded)	73%
Shingle Nourishment Placement	Replacement and filling is complete north of groyne 1. Further work is awaiting the progression of the reef.	44%
Other	A maritime exclusion zone is now in place around the reef and causeway, marked by the yellow special marks. Use of slipway is restricted for power craft.	-

### Weather and Tidal Conditions

- Neap Tides, showery weather.

### Plant on Site

- 0Nr. Bulldozer (1 on standby)
- 1Nr. Tele-handler and bowser all week
- 1Nr. Tractor and water bowser
- 1Nr. 240 tracked excavator
- 1Nr. 340 tracked excavator
- 1Nr 340t tracked excavator ( Robin Jones as all rock to be delivered by tipping)
- 4Nr. 450 tracked excavator with grab
- 2Nr. 35t dumper truck.( 1 on standby)

## People on Site

- 10Nr. Bam Staff and Support
- 10Nr. Labour
- 10Nr. Plant operators
- 3Nr. Others

## Material approval and delivery

- Replacement deliveries are complete.
- The pile timbers have been delivered.
- The import of the 3-6t rock is complete.
- Natural shingle is from Cefn Graianog, including a larger size to match the existing cobbles.

Type	E – Replacement	C1 - Natural	5-100kg Stone	0.3-1t Rock	0.5-1t Rock	3-6t Rock	6-10t Rock
22-8-11	0	447.66	285.54	0	0	334.42	0
23-8-11	0	488.66	419.64	0	0	458.30	0
24-8-11	0	547.68	417.00	0	0	354.60	0
25-8-11	0	241.82	437.44	0	0	219.34	0
26-8-11	0	154.42	402.14	0	0	0	0
<b>Total to week</b>	<b>0.00</b>	<b>1,880.24</b>	<b>1,961.76</b>	<b>0.00</b>	<b>0.00</b>	<b>1,366.66</b>	<b>0.00</b>
Previously	122,699.91	31,351.48	9,699.27	18,479.88	7,755.28	25,293.84	42,050.80
<b>Total to date (26.8.11)</b>	<b>122,699.91</b>	<b>33,231.72</b>	<b>11,661.03</b>	<b>18,479.88</b>	<b>7,755.28</b>	<b>26,660.50</b>	<b>42,050.80</b>
<b>QS Total (30.8.11)</b>	<b>123,924</b>	<b>32,946</b>	<b>13,368</b>	<b>18,749</b>	<b>7,770</b>	<b>25,305</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.
- Import materials