

## Borth Coastal Protection Scheme – Weekly Report

Week 25 – ending 2<sup>nd</sup> July

ECC PM :	Atkins	Rob Morgan
Contractor:	BAM Nuttall	Ray Jones
CDM coordinator	Faithful and Gould	Martin Clark
Site Supervisor	Royal Haskoning	Alice Johnson

### Health, Safety and Environment

- No Public Access is allowed to the causeway

### 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	0%
Breakwater 2	The majority of the armour is complete with the toe to finish off. This is waiting for time when it is not suitable to work on the causeway.	97%
Temporary Causeway	The causeway is largely complete to the end of the northern reef.	100%
North Reef	Work is continuing on the northern reef at low tides with rock being placed in layers by GPS controlled machines.	14%
South Reef	Not Started	0%
Shingle Nourishment Material	Further replacement has been brought in and is currently being stockpiled. (80% Replacement and 50% Rounded)	73%
Shingle Nourishment Placement	Replacement and filling is nearly complete north of groyne 1.	40%
Other	A maritime exclusion zone is now in place around the reef and causeway, marked by the yellow special marks.	-

### Weather and Tidal Conditions

- Good tides and fine weather.

### Plant on Site

- 1Nr. Bulldozer (Blade).
- 1Nr. Tele-handler and bowser all week
- 1Nr Tractor and water bowser
- 1Nr 240 tracked excavator
- 2Nr 350 tracked excavator
- 3Nr 450 tracked excavator
- 2Nr 35t dumper truck

### People on Site

- 10Nr Bam Staff and Support
- 9Nr Labour

- 10Nr Plant operators
- 3Nr Others

### Material approval and delivery

- Replacement and 5-100kg stone continues to be delivered from Ystrad Murig.
- Natural shingle is delivered from Cefn Graianog, including a larger size to match the existing cobbles
- Secondary 0.5-1t and Primary 3-6t Armour is delivered from Builth Wells.
- The pipe units have arrived for the outfall.
- Materials have been ordered piles and markers.

Type	E - Replacement	C1 - Natural	5-100kg Stone	0.3-1t Rock	0.5-1t Rock	3-6t Rock	6-10t Rock
23/6	736.06	440.18	0	0	315.44	28.00	0
24/6	741.10	264.44	0	0	151.76	139.52	0
27/6	716.64	394.44	0	0	267.94	55.40	0
28/6	176.02	289.24	0	0	362.48	54.74	0
29/6	653.92	32.62	0	0	208.80	247.30	0
30/6	799.96	290.56	0	0	98.38	302.72	0
1/7	534.36	145.84	0	0	47.28	32.94	0
<b>Total to week</b>	<b>4358.06</b>	<b>1857.32</b>	<b>0</b>	<b>0</b>	<b>1452.08</b>	<b>860.62</b>	<b>0</b>
Prev.	108,413.82	20,669.16	9357.81	18,479.88	2,380.50	18,327.58 + (3,000)	50.80+ (42,000)
<b>Total to date</b>	<b>112,771.88</b>	<b>22,526.48</b>	<b>9357.81</b>	<b>18,479.88</b>	<b>3,832.58</b>	<b>19,188.20</b>	<b>42,050.80</b>

NB. This is an approximate table and checked tonnages are held by QS.

### Planned Activities Next Week

- Near completion of Breakwater 2
- Continue shingle nourishment works on the beach.
- Continue to place stone and rock in Northern Reef.

### Public Relations

- Visits were made by four groups studying geography from Penglais
- Prizes were presented for posters at Ysgol Craig y Wylfa