

## Borth Coastal Protection Scheme – Weekly Report

Week 49 – ending 16<sup>th</sup> December

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 Some replacement and rock fragments remain.	100% place 80% tidy up
Beach Access South	Southern access is complete.	100%
Groyne 1	Groyne 1 is complete.	100%
Groyne 2	Groyne 2 is complete	100%
Breakwater 1	No further work, waiting for 3-6t rock.	80% core 9% top
Breakwater 2	Breakwater 2 is complete	100%
Temporary Causeway	Temporary causeway is complete Further rock removed from the causeway and replacement remains in sand.	100%
North Reef	No work due to poor tides.	98% bedding 100% core 47% top
South Reef	No work due to poor weather.	98% bedding 100% core 51% top
Shingle Material	Nourishment Shingle deliveries are now complete.	100%
Shingle Placement	Nourishment Further replacement carried out behind the reef about 100m remains. Topping off shingle is required.	84%
Other	A maritime exclusion zone is now in place around the reef and causeway; the reefs are now marked by the permanent west cardinal. Sorting out stockpiles at southern end and retrieve some broken rock. Remaining groynes removed.	-

### Weather and Tidal Conditions

- Spring tides, windy wet and rough.

### Plant on Site

- 0Nr. Bulldozer (kept onsite)
- 1Nr. Tele-handler and bowser all week
- 1Nr. 340 tracked excavator
- 3Nr. 450 tracked excavator with grabs
- 3Nr. 35t dumper truck

### People on Site

- 7Nr. Bam Staff and Support

- 5Nr. Labour
- 8Nr. Plant operators

### Material approval and delivery

- Rocks imported from Garwen

Type	E – Rep.	C1 – Natural	5-100kg Stone	0.3-1t Rock	0.5-1t Rock	3-6t Rock	6-10t Rock (Nr.)
15/12							93.00 (11)
16/12							121.10 (14)
<b>Total to week</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>214.1 (25)</b>
Previously	122,699.91	54,667.78	13,419.71	21,916.88	7,755.28	26,680.70	42,966.93
<b>Total to date (5.11.11)</b>	<b>122,699.91</b>	<b>54,667.78</b>	<b>13,419.71</b>	<b>21,916.88</b>	<b>7,755.28</b>	<b>26,680.70</b>	<b>42,988.03</b>
<b>QS Total (28.11.11)</b>	<b>123,940</b>	<b>52,130</b>	<b>15,151</b>	<b>22,202</b>	<b>7,806</b>	<b>25,241</b>	<b>43,127</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 Southern reef.
- Tidy up prior to Christmas.

### Public Relations

Environmental article included in Friends of Cardigan Bay newsletter.