

## Borth Coastal Protection Scheme

Weeks 15-17 – ending 6th May

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	Further primary armour was placed and the structure is on hold until the stock pile can be moved.	39%
Breakwater 1	Not Started	0%
Breakwater 2	Further progress has been made with the digging nearly complete and part of top rock armour palced.	55%
Temporary Causeway	The causeway has been stockpiled with more rock with compilation of the sea deliveries, it has not been extended further.	35%
North Reef	Not Started	0%
South Reef	Not Started	0%
Shingle Nourishment Material	Further replacement has been brought in and is currently being stockpiled at the northern and southern ends. Natural shingle from Cefn Griainog was not brought in due to lack of transport. This is expected to improve due to the new financial year and more vehicles becoming available.	45%
Shingle Nourishment Placement	Good progress has been made on a further 100m of nourishment, further natural material is required to the seaward face to complete the volumes	16%
Other	A dolphin has been seen Monday 2 <sup>nd</sup> May	-

### Weather and Tidal Conditions

- Dry, sunny, mild, and breezy and hail showers. Mixed Tides

### Plant on Site

- 2Nr. Bulldozer (Blade).
- 1Nr. Telly-handler and bowser all week
- 1Nr.210 tracked excavator
- 2Nr 360 tracked excavator with bucket
- 3Nr 450 tracked excavator with grab
- 5Nr 35t dumper truck.

### People on Site

- 9Nr Bam Staff and Support
- 8Nr Labour
- 11Nr Plant operators
- 3Nr Others

### Material approval and delivery

- The rock delivery by sea was completed early on the morning of the 26<sup>th</sup> April.
- Replacement and 0.3-1t rock continues to be delivered fro Ystrad Murig.
- Natural shingle is delivered from Cefn Graianog
- Primary 3-6t Armour is delivered from Builth Wells.

Type	E - Replacement	C1 - Natural	Rock 0.3-1t	3-6t Rock	6-10t Rock
15/4	876.44	630.36	0	0	
16/4	0	460.92	0	0	
18/4	1189.92	318.08	0	240.36	
19/4	1159.54	80.10	242.76	195.52	
20/4	1268.65	55.88	265.04	282.56	
21/4	725.40	113.42	0	351.62	
26/4	894.84	137.60	95.98	358.68	
27/4	1085.64	60.02	451.62	206.44	
28/4	853.30	0	404.68	114.38	
3/5	1033.52	221.58	141.84	268.22	
4/5	1273.19	242.08	366.00	150.98	
5/5	1167.06	314.7	436.68	144.32	
<b>Total to week</b>	<b>11,527.5</b>	<b>2,634.74</b>	<b>2,404.6</b>	<b>2,313.08</b>	<b>u/k</b>
Previously	<b>61,758.80</b>	<b>7,922.92</b>	<b>16,022.44</b>	<b>9,978.57</b>	<b>u/k</b>
<b>Total to date</b>	<b>73,286.30</b>	<b>10,557.66</b>	<b>18,427.04</b>	<b>12,291.58</b>	<b>0</b>

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

### Planned Activities Next Week

- Continue on excavating Breakwater 2 and start placing primary armour.
- Continue shingle works on the beach.

### Public Relations

- A visit is planned for a group of 25 Royal Haskoning Engineers on the 7<sup>th</sup> May.
- A visit was made by the Marine consents use to check the compliance of the licences.