

Borth Coastal Protection Scheme Phase 2 – Weekly Report

Week 14 – ending 29th August

| | | |
|-------------------|--------------------|--|
| ECC PM: | Atkins | Rob Morgan |
| Contractor: | BAM Nuttall | Ray Jones |
| CDM Co-ordinator: | Royal HaskoningDHV | Steve Vernon |
| Site Supervisor: | Royal HaskoningDHV | Alastair McMillan on behalf of David Cramp |

Planned Activities

| Area | Description | Completion |
|---------------------------------|---|------------|
| Site Compound | Compound set-up is complete. | 100% |
| Beach Access and Rock Stockpile | Type 1 and Type 3 rock deliveries are received daily. | 70% |
| Breakwater 1 | Work yet to commence | 0% |
| Breakwater 2 | Work yet to commence | 0% |
| Breakwater 3 | Excavation to formation level, placement of geotextile and placement of Type 3 rock. Laying geotextile – 11% Placing Type 3 rock – 8% Placing Type 1 rock – 0% Archaeologists on site to supervise any new excavation. | 3% |
| Groyne 1 | Work yet to commence | 0% |
| Groyne 2 | Work continued on Groyne 2 on the lower section. Geotextile and Type 3 rock placed at the northern arm of the groyne, Type 1 placed at the top of the groyne seawards from the breastwork. Laying geotextile – 53% Placing Type 3 rock – 45% Placing Type 1 rock – 36% | 40% |
| Beach Nourishment (Phase 2) | Work yet to commence | 0% |
| Beach Nourishment (Phase 1) | Work has been completed on re-profiling Phase 1 to design level. This released approximately 860m ³ of shingle for re-use in Phase 2 nourishment. | 100% |

Weather and Tidal Conditions

- South easterly winds Tuesday/Wednesday; South westerly winds Thursday/Friday.
- Overcast with heavy showers throughout the week.
- Some sunny spells.
- Strong winds Friday 29.08.2014.

Plant on Site

- 1Nr. P65 Dozer
- 1Nr. 45t tracked excavator with grab
- 3Nr. 45t tracked excavator with bucket
- 1Nr. 21t tracked excavator with bucket
- 3Nr. 35t dumper truck
- 1Nr. Telehandler
- 1Nr. Tractor and Water Bowser

People on Site

- 3Nr. BAM Staff (Site)
- 5Nr. BAM Staff (Office)
- 9Nr. Plant Operatives
- 6Nr. Labour
- 1Nr. Ceredigion County Council
- 1Nr. Archaeologists

Material Approval and Delivery

- Material deliveries continued from Bolton Hill and Garnwen Quarries in Pembrokeshire, and Tonfanau Quarry in Tywyn.

| Type | Type 1 (3-6t) | Type 3 (300-1000kg) | 75/40 | Type A (Shingle) | Type B (Shingle Backfill) | Type C (40mm) |
|---|------------------|------------------------|---------------|---------------------|---------------------------------|------------------|
| Total to week | 1507.53 | 1108.01 | 0 | 0 | 0 | 0 |
| Previously | 19083.65 | 13332.69 | 884.01 | 0 | 0 | 0 |
| Total to date (29.08.14) | 20662.54 | 14385.56 | 884.01 | 0 | 0 | 0 |
| QS Total | - | - | - | - | - | - |

Planned Activities Next Week

- Rock deliveries to continue.
- Construction to continue on Groyne 2 and Breakwater 3 at the northern end of the beach.