

Borth Coastal Protection Scheme – Weekly Report

Week 23 – ending 17th June

| | | |
|-----------------|--------------------|---------------|
| 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 toe 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. | 3% |
| South Reef | Not Started | 0% |
| Shingle Nourishment Material | Further replacement has been brought in and is currently being stockpiled. | 72% |
| Shingle Nourishment Placement | Nourishment has continued again this week at the north end of the houses. About 50% of the replacement has been placed with levels still need raising to meet the completed profiles. | 32% |
| 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, showery weather and breezy.

Plant on Site

- 2Nr. Bulldozer (Blade).
- 1Nr. Tele-handler and bowser all week
- 2Nr 350 tracked excavator with bucket
- 3Nr 450 tracked excavator with grab
- 4Nr 35t dumper truck.

People on Site

- 10Nr Bam Staff and Support
- 9Nr Labour
- 12Nr Plant operators
- 3Nr Others

Material approval and delivery

- Replacement and 5-100kg stone continues to be delivered from Ystrad Murig.
- Natural shingle is delivered including a larger size to match the existing cobbles from Cefn Graianog
- Secondary 0.5-1t and Primary 3-6t Armour is delivered from Builth Wells.
- Materials have been ordered for the pipe, 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 |
|----------------------|------------------|-----------------|----------------|------------------|----------------|------------------------|--------------------|
| 13/6 | 1,159.52 | 359.22 | 0 | 0 | 219.24 | 55.92 | 0 |
| 14/6 | 1,430.60 | 387.08 | 0 | 0 | 285.08 | 28.42 | 0 |
| 15/6 | 1,355.16 | 405.90 | 0 | 0 | 78.92 | 0 | 0 |
| 16/6 | 1,106.28 | 316.48 | 0 | 0 | 161.64 | 0 | 0 |
| Total to week | 5,051.56 | 1468.68 | 0 | 0 | 744.88 | 84.34 | 0 |
| Prev. | 99,627.54 | 17,723.42 | 9357.81 | 18,479.88 | 779.70 | 18,103.02 + (3,000) | 50.80+ (42,000) |
| Total to date | 104,679.1 | 19,192.1 | 9357.81 | 18,479.88 | 1524.58 | 18,487.04 | 42,050.80 |

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

- A school visit from Shropshire was held on 13th June for 25 GCSE pupils.
- Two groups of 9-10 year olds visited from Wolverhampton and were given a talk on the 17th June.