

## Borth Coastal Protection Scheme – Weekly Report

Week 56 – ending 5<sup>th</sup> February

|                 |                    |               |
|-----------------|--------------------|---------------|
| 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<br>Some replacement and rock fragments remain. No further work  | 100% place<br>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.   | 95% core<br>11% top                              |
| Breakwater 2                  | Breakwater 2 is complete.  | 100%   |
| Temporary Causeway            | Temporary causeway is complete. Part of the south link causeway removed, some rock solid in seabed.                              | 100% build<br>~15% removal                       |
| North Reef                    | Small amount of work carried out.  | 98% bedding<br>100% core                         |
| South Reef                    | South reef is complete   | 50% top<br>100% bedding<br>100% core<br>100% top |
| Shingle Nourishment Material  | Shingle deliveries are now complete.   | 100%   |
| Shingle Nourishment Placement | No further work  | 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. | -  |

### Weather and Tidal Conditions

- Neap tides, Cold, and calm weather.

### Plant on Site

- 0Nr. Bulldozer (kept onsite)
- 1Nr. Tele-handler and bowser all week
- 0Nr. 340 tracked excavator
- 3Nr. 450 tracked excavator with grabs
- 2Nr. 35t dumper truck (1 on standby)

### People on Site

- 7Nr. Bam Staff and Support
- 6Nr. Labour
- 7Nr. Plant operators

## Material approval and delivery

- Rock delivered from Halkyn and Holme Park

| Type                          | E – Rep.          | C1 – Natural     | 5-100kg Stone    | 0.3-1t Rock      | 0.5-1t Rock     | 3-6t Rock        | 6-10t Rock (Nr.)    |
|-------------------------------|-------------------|------------------|------------------|------------------|-----------------|------------------|---------------------|
| 30-1-12                       |                   |                  |                  |                  |                 |                  | 299.92 (45)         |
| 31-1-12                       |                   |                  |                  |                  |                 |                  | 288.28 (40)         |
| 1-2-12                        |                   |                  |                  |                  |                 |                  | 253.78 (35)         |
| 2-2-12                        |                   |                  |                  |                  |                 |                  | 282.48 (37)         |
| 3-2-12                        |                   |                  |                  |                  |                 |                  | 204.64 (29)         |
| <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>1329.1 (186)</b> |
| Previously                    | 122,699.91        | 54,667.78        | 13,419.71        | 21,916.88        | 7,755.28        | 26,680.70        | 44,809.42           |
| <b>Total to date (3.2.12)</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>46,138.52</b>    |
| <b>QS Total (7.2.11)</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>46,831.16</b>    |

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

## Planned Activities Next Week

- Remove link causeway
- Place rocks on north reef.
- Continue work on breakwater 1.
- Painting of marker posts
- Tidy beach