

## Borth Coastal Protection Scheme – Weekly Report

Week 30 – ending 29<sup>th</sup> July

|                 |                    |               |
|-----------------|--------------------|---------------|
| 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                      | 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.   | 98%        |
| Temporary Causeway            | Temporary causeway is complete   | 100%       |
| North Reef                    | Work is continuing on the northern reef at low tides with rock being placed in layers by GPS controlled plant. Rock core placement is nearly complete. The core is now making its way up to the seaward end. | 57%        |
| South Reef                    | The causeway to the southern reef is nearly complete.  | 0%         |
| Shingle Nourishment Material  | Further replacement has been brought in and is currently being stockpiled. (100% replacement and % rounded)  | 73%        |
| Shingle Nourishment Placement | Replacement and filling is complete north of groyne 1.   | 44%        |
| Other                         | A maritime exclusion zone is now in place around the reef and causeway, marked by the yellow special marks. Use of slipway is restricted for power craft.  | -          |

### Weather and Tidal Conditions

- Single tides, fine weather.

### Plant on Site

- 1Nr. Bulldozer (Blade).
- 1Nr. Tele-handler and bowser all week
- 1Nr. Tractor and water bowser
- 1Nr. 240 tracked excavator
- 1Nr. 350 tracked excavator
- 4Nr. 450 tracked excavator with grab
- 4Nr. 35t dumper truck.

### People on Site

- 10Nr. Bam Staff and Support
- 10Nr. Labour
- 11Nr. Plant operators
- 3Nr. Others

## Material approval and delivery

- Replacement deliveries are complete.
- Natural shingle is from Cefn Graianog, including a larger size to match the existing cobbles.
- Materials have been ordered – 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          |
|-----------------------------------|-------------------|------------------|------------------|------------------|-----------------|-----------------------|---------------------|
| 25-Jul                            | 0                 | 175.78           | 0                | 0                | 205.12          | 54.48                 | 0                   |
| 26-Jul                            | 0                 | 231.46           | 0                | 0                | 217.72          | 56.28                 | 0                   |
| 27-Jul                            | 0                 | 258.06           | 0                | 0                | 0               | 322.36                | 0                   |
| 28-Jul                            | 0                 | 257.36           | 0                | 0                | 0               | 309.42                | 0                   |
| 29-Jul                            | 0                 | 199.32           | 0                | 0                | 0               | 316.9                 | 0                   |
| <b>Total to week</b>              | <b>0.00</b>       | <b>1,121.98</b>  | <b>0.00</b>      | <b>0.00</b>      | <b>422.84</b>   | <b>1,059.44</b>       | <b>0.00</b>         |
| Previously                        | 122,699.91        | 27,159.88        | 9,357.81         | 18,479.88        | 7,332.44        | 19,188.20<br>+ (3000) | 50.80 +<br>(42,000) |
|                                   |                   |                  |                  |                  |                 |                       |                     |
| <b>Total to date (29.07.2011)</b> | <b>122,699.91</b> | <b>28,281.86</b> | <b>9,357.81</b>  | <b>18,479.88</b> | <b>7,755.28</b> | <b>22,188.20</b>      | <b>42,050.80</b>    |
| <b>QS Total (03.08.2011)</b>      | <b>123,924.65</b> | <b>28,242.74</b> | <b>11,046.14</b> | <b>18,749.48</b> | <b>7,770.83</b> | <b>22,516.98</b>      | <b>42,211.20</b>    |

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

## Planned Activities Next Week

- Near completion of Breakwater 2
- Continue to place stone and rock in Northern reef.
- Complete causeway to southern reef.

## Public Relations

- Continue to put together the float for the Borth Carnival (05.08.2011).