

Millport Coastal Flood Protection Scheme – Marine Licence Application

Appendix 03 – Deposits and Removals

(a) Permanent substance(s) or object(s) to be deposited and/or removed from below MHWS

| Type of Deposit/Removal             | Deposits   |                                |        | Units  |                                |       |
|-------------------------------------|--|--------------------------------|--------|--|--------------------------------|-------|
|                                     | Description  | Quantity & Dimensions (metric) | Units  | Description  | Quantity & Dimensions (metric) | Units |
| Steel / Iron                        | N/A  | N/A                            | N/A    | N/A  | N/A                            | N/A   |
| Timber                              | N/A  | N/A                            | N/A    | N/A  | N/A                            | N/A   |
| Concrete                            | In-situ concrete foundations to sea walls and stepped revetments | 116.1                          | m3     | N/A  | N/A                            | N/A   |
|                                     |  | 355.4                          | tonnes | N/A  | N/A                            | N/A   |
|                                     | Precast concrete stepped revetment                               | 88.4                           | m3     | N/A  | N/A                            | N/A   |
|                                     |  | 212.3                          | tonnes | N/A  | N/A                            | N/A   |
| Plastic / Synthetic                 | N/A  | N/A                            | N/A    | N/A  | N/A                            | N/A   |
| Clay (<0.004mm)                     | N/A  | N/A                            | N/A    | N/A  | N/A                            | N/A   |
| Sand (0.063 ≤ Sand <2.0 mm)         | N/A  | N/A                            | N/A    | Beach material excavated to construct sea walls and access steps. Excavated sand will not be removed from the beach. | 101.5                          | m3    |
| Gravel (2.00 ≤ Gravel <64.0 mm)     | Quarry run base to offshore breakwaters                          | 7,300                          | m3     | N/A  | N/A                            | N/A   |
|                                     |  | 13,500                         | tonnes | N/A  | N/A                            | N/A   |
|                                     | Drainage stone for stepped revetment                             | 49.5                           | m3     | N/A  | N/A                            | N/A   |
|                                     |  | 99.0                           | tonnes | N/A  | N/A                            | N/A   |
| Cobbles (64.00 ≤ Cobbles <256.0 mm) | N/A  | N/A                            | N/A    | N/A  | N/A                            | N/A   |
| Boulders (≥ 256.0 mm)               | Core material for offshore breakwaters, 1kg - 1000kg             | 33,340                         | m3     | N/A  | N/A                            | N/A   |
|                                     |  | 60,012                         | tonnes | N/A  | N/A                            | N/A   |
|                                     | Rock armour for offshore breakwaters, 3-6 tonnes                 | 40,753                         | m3     | N/A  | N/A                            | N/A   |

| Type of Deposit/Removal                   | Deposits  |                                |               | Units  |                                |           |
|---|---|--------------------------------|---------------|--|--------------------------------|-----------|
|   | Description   | Quantity & Dimensions (metric) | Units         | Description  | Quantity & Dimensions (metric) | Units     |
|   |   | <b>73,355</b>                  | <b>tonnes</b> | N/A  | N/A                            | N/A       |
|   | <b>Rock armour for foreshore structures, 3-6 tonnes</b> | <b>3,567</b>                   | <b>m3</b>     | N/A  | N/A                            | N/A       |
|   |   | <b>6,421</b>                   | <b>tonnes</b> | N/A  | N/A                            | N/A       |
| Pipe                                      | N/A   | N/A                            | N/A           | N/A  | N/A                            | N/A       |
| <b>Other – mixed demolition materials</b> | N/A   | N/A                            | N/A           | <b>Masonry and concrete from existing coast protection structures, material to be crushed and re-used as fill elsewhere on the project.</b>    | <b>158.5</b>                   | <b>m3</b> |
| <b>Other – excavation of bedrock</b>      | N/A   | N/A                            | N/A           | <b>Rock excavation to form foundation to coast protection structures. Material to be crushed and re-used as fill elsewhere on the project.</b> | <b>162.9</b>                   | <b>m3</b> |

(d) Temporary substance(s) or object(s) to be deposited and/or removed from below MHWS

| Type of Deposit/Removal                   | Deposits   |                                |           | Units       |                                |       |
|---|--|--------------------------------|-----------|-------------|--------------------------------|-------|
|   | Description  | Quantity & Dimensions (metric) | Units     | Description | Quantity & Dimensions (metric) | Units |
| <b>Gravel</b><br>(2.00 ≤ Gravel <64.0 mm) | <b>Crushed rock placed to form temporary slipway</b> | <b>600.0</b>                   | <b>m3</b> | N/A         | N/A                            | N/A   |