

Liv Rickman
Council of the Isles of Scilly
Planning & Development Department
Old Wesleyan Chapel Garrison Lane
St Mary's
Isles of Scilly
TR21 0JD

Our ref: DC/2022/122897/03-L01

Your ref: P/22/077/FUL

Date: 13 February 2023

Dear Liv Rickman

APPLICATION FOR THE INSTALLATION OF GEOBAGS AT PERIGLIS TO REPLACE THE CORE OF EXISTING DUNES, WRAPPED IN GEOTEXTILE AND COVERED WITH EXCAVATED MATERIAL AND TO STABILISE THE DUNE CREST WITH GEOMAT TO ENCOURAGE RE-VEGETATION. INSTALLATION OF ROCK BAGS AT PORTH COOSE TO HEIGHTEN THE EXISTING PROTECTION, BACKED BY EARTH BUND AND INSTALLING ROCK ARMOUR AT THE BOTTOM OF THE EXISTING SEA WALL AT PORTH KILLIER. TO REDUCE THE RISK OF COASTAL FLOODING ON ST AGNES. (EIA DEVELOPMENT) (MAJOR DEVELOPMENT) LAND ADJ TO WASTE SITE, THE QUAY, ST AGNES, ISLES OF SCILLY

Environment Agency Position

We remove our objection to this application.

Reason

We welcome the proposal for the setting back of the geobags at Periglis.

The Environmental Statement may need to clarify the impact of more frequent working. It was not previously evident that there was an expectation of the structure becoming frequently exposed.

Advice - Porth Coose

HR Wallingford's advice (regarding the effect of rock bags on the dissipation of wave energy) compares their effect to a solid vertical structure, saying that they will still provide some level of energy dissipation. However, such level of energy dissipation being compared to a vertical wall is not the current situation of overwash when the energy is entirely dissipated.

HR Wallingford advice, goes further to say that understanding the run down impacts during severe storms cannot be estimated with accuracy, unless a physical model test is carried out. Their design rationale being to *provide an economic though still viable*

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protection, and that they *envisage that the system will need repairs following such a storm*. It is not clear therefore that it is *unlikely* that there will be a loss of cobbles from the system and exposure of the concrete mattress as given in the response letter.

We are satisfied with the WFD assessment of impacts on water quality.

Yours sincerely

Mark Williams
Planning Advisor

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