

## **Thorpeness Monthly Monitoring Report**

**Date and Time of Survey:** May 29 2024, 09:00

**Time of Low Tide:** 09:21

**Height of Low Tide (m ODN):**

**Inspector:** Thomas Hayden

Monthly inspection of the frontage between Thorpeness village and Ness. The purpose is to check signage, flag any hazards relating to public safety, inspect condition and exposure of defences and monitor geomorphological changes. This report is used to inform coastal management decision making and will be shared with the community. For best access, inspections should be done at low tide with due regard to the weather and sea state.

### **Southern Undefined Frontage**

Upper Beach Levels: Moderate Increase

Lower Beach Levels: Moderate Increase

Comments on the Current Beach Levels over the southern UNDEFENDED frontage: The high tide mark has moved seaward slightly, meaning that there is more material on the upper beach. The lower beach has also built.

Photos of the southern UNDEFENDED frontage:



### **(Central) Defended Frontage**

Upper Beach Levels: Moderate Increase

Lower Beach Levels: Moderate Increase

Comments on the current beach levels over the DEFENDED frontage: Beach levels have recovered, which is the trend along the whole frontage. The upper beach has built more than the lower beach, meaning that there is material covering the lower gabions. The lower beach has not recovered as much, meaning that, although some of the exposed wooden stakes at the base of the baskets are now covered, some metal from gabion baskets and a small number of wooden stakes are still visible below the high tide mark.

Photos of the Central DEFENDED frontage:



**Gabion condition**

Comments on gabion condition: Lower gabion baskets have been reburied from the build-up in beach material. Some wire still showing out of the beach in front of the gabion baskets, along with the wooden stakes originally used to secure them. The baskets adjacent the south side of the rock has slipped further. This extends further south now towards the geobags. Some further material has also been lost from the gabion field.

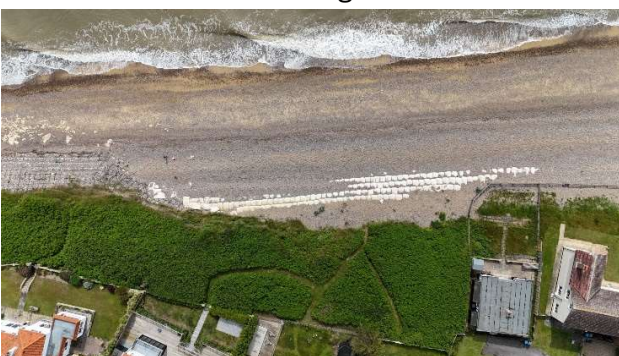
Photos of the gabions:



**Phase 1 Geobag condition**

Comments on Phase 1 Geobag condition: Phase 1 geobags remain in a similar condition and state to the previous inspection.

Photos of Phase 1 Geobags:





**Phase 2 Geobag condition**

Comments on Phase 2 Geobag condition: Most of these geobags have been covered up again, owing to the increase in beach levels. The southern most bags remain partially exposed, due to the current state of fabric.

Photos of Phase 2 Geobags:



**Signage condition**

Signage condition: Good

All signage remains in place and legible.

**Hazards/Debris**

Comments on Hazards/Debris: Small amount of gabion wire and wooden stakes visible and protruding from the beach adjacent the southern side of the rock.

Photos of Hazards/Debris: Examples recorded on inspection below (PHOTOS ABOVE)

**Northern UNDEFENDED Frontage:**

Upper Beach Levels: Moderate Increase

Lower Beach Levels: Moderate Increase

Comments on the current beach levels, north of defence termination: Beach material has built both the upper and lower beaches. The high tide mark has moved further seaward, similar to the southern undefended frontage. However, there appears to have been more cliff loss immediately north of the rock, although this is on a much smaller scale than has been previously seen.

Photos of the northern UNDEFENDED Frontage:

