

Thorpeness Monthly Monitoring Report

Date and Time of Survey: October 4 2024, 08:30

Time of Low Tide: 06:02

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 Undefended Frontage

Upper Beach Levels: Moderate Decrease

Lower Beach Levels: Moderate Decrease

Comments on the Current Beach Levels over the southern UNDEFENDED frontage: Beach levels have decreased over the last inspection period, due to a period of adverse weather conditions. Lower beach levels have had more of a reduction than the upper beach levels.

Photos of the southern UNDEFENDED frontage:



(Central) Defended Frontage

Upper Beach Levels: Moderate Decrease

Lower Beach Levels: Moderate Decrease

Comments on the current beach levels over the DEFENDED frontage: Beach levels have reduced since the last inspection. The lower beach has reduced significantly, with the wave run up reaching the lower gabions. The upper beach has also reduced, due to the increased impact of wave action



Photos of the central DEFENDED frontage:



Gabion condition

Comments on gabion condition: A larger proportion of gabions south of the rock have now slipped, as a result of the period of adverse weather. However, they are still affording protection to the land behind, as they are still preventing a vast majority of the wave energy from getting through.

Photos of the gabions:



Phase 1 Geobag condition

Comments on Phase 1 Geobag condition: Phase 1 geobags remain covered. The high tide mark is below the bottom of the geobags and a healthy ridge of beach material remains over the top of the bags.

Photos of Phase 1 Geobags:



Phase 2 Geobag condition

Comments on Phase 2 Geobag condition: Phase 2 geobags have been uncovered, owing to their positioning on the lower beach. The bags have been partially damaged as a result of the recent adverse weather. However, some of the damage may have been caused by previous weather events and covered up when the beach built previously.

Photos of Phase 2 Geobags:



Signage condition

Signage condition: Good

All signage remains in place and legible.

Hazards/Debris

Comments on Hazards/Debris: Gabion baskets have shifted, so some of the wire is now visible through the beach, creating a trip hazard. Phase 2 Geobags that have been damaged have left material visible, again creating a trip hazard.

Photos of Hazards/Debris: (As Above)

Northern UNDEFENDED Frontage:

Upper Beach Levels: Moderate Decrease

Lower Beach Levels: Moderate Decrease

Comments on the current beach levels, north of defence termination: As is the trend across the frontage at this inspection, the beach levels have reduced. There is still a ridge of beach material between the high tide mark and the toe of the cliff. However this is closer to the toe of the cliff than has been seen previously.

Photos of the northern UNDEFENDED Frontage:

