

Submission to planning inspectorate 30/8/21, as supplement to written representation on coastal erosion by Frances Crowe REP2-275a (submitted May 2021)

Further to my written submission to you ref REP2-275a, please find attached an update of the position on coastal erosion at Thorpeness, together with photographs.

Recent north-easterlies have caused considerable further erosion of the Thorpeness coast below the Red House (the area which I brought to your attention perviously).

I attach photos of the current erosion for your information - see Appendix I.

Specific points I would like to bring to the inspectors' attention are as follows:

- this erosion has happened in an unexceptional year in the absence of any specific storm event or storm surge.
- the current erosion is taking place in *August* - hardly a turbulent month weatherwise: coastal erosion is typically much reduced in summer months.
- the photographs were taken at absolute low tide on 28th August, 2021. It is easy to imagine from these photographs the difficulties that might be encountered rebuilding major sea defences (for example, upsizing the sea defences at Sizewell or repairing damage) in the face of rising sea level, extreme tides and an increase in the number and severity of storm events, at all times for the year. I cannot comprehend how this would happen. Presumably it would depend on deliveries/activities from sea but it is hard to envisage how this would work given that the applicant by their own admission does not think it is feasible to plan to approach Sizewell by sea at any time during winter months (deliveries by ship are proposed to be only from April-Oct) - that is, for nearly half of the year.
- note that the large rock used by the council as a one day quick fix in May 2021 to reinforce the parts of the gabions that had not been destroyed (see REP2-275b, photograph I6) has been dislodged and scattered along the tideline by the sea.
- There is stone from the sea defences extends over the tide line of the beach for perhaps half a mile south of the gabions. This beach is very popular with families and swimmers. The rocks will make the beach slightly hazardous for swimmers, especially children, at higher tides when the unexpectedly large stones will not be visible and could cause feet or leg injuries (see point below on turbidity).
- The turbidity of the water at Thorpeness and Sizewell makes seeing any underwater objects (rocks, wire or jellyfish) particularly difficult. I took photographs while swimming at Sizewell in calm conditions on 20th August, 2021, and the visibility in the water was to a depth of about 15-20cms maximum.
- I would request that you also note the above point about turbidity in respect of my previous submission on behalf of my business, Sea Poppies, (REP2-427) which raised psignificant concerns about the impact of Sizewell C on the marine environment for leisure users, in particular swimmers at Thorpeness and Sizewell.

Frances Crowe
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30/8/21

Appendix I - photographs

I. Photographs taken at Thorpeness, 28/8/21







2. Photographs taken at Sizewell beach, 20/8/21

Photo 1: hand just below the surface; photo 2 hand 15-20cm max below the surface:

