

To: CSA Board of Trustees President

December 22, 2020

Holly,

As discussed, this is our response to the question regarding possibly moving our cottages, in lieu of building a sea wall.

Unlike wooden sea walls, steel walls last a very long time. They are used widely to create harbors and piers, and stop dune erosion, and are expected to last a very long time, in excess of 50 years. The Owners' purpose in installing this wall is to stop the erosion at the base of the dune, such that the recession at the top of the dune is held to a minimum. Hopefully, this will result in maintaining the integrity of the Owners' properties and their cottages.

The idea of moving a cottage back from the lake has been discussed in a number of situations, and it is potentially a better solution when the cottage is relatively modern, and is sited on a largely flat lot. This is proposed in more low-lying areas to the south, towards Ludington and beyond, and on Lake Huron. In our case, this is not feasible - moving a two-story cottage built over 100 years ago is not truly an option, and our lots are not conducive to moving eastward, with their very sloped configuration.

As such, the only way to proceed as suggested would be the demolition of the existing cottages, and building new further inland. Given the very hilly nature of these lots, a great deal of excavation would be required, including the removal of a very large number of trees. Exceptionally costly, and damaging to the land.

As a final comment, given that the Owners' properties are on what the Michigan EGLE considers a "critical dune", it is not clear at all whether the regulator would even allow the excavation and new construction suggested.

For all the above reasons, the Owners consider the present proposal the only feasible plan to protect the dunes and their cottages.

Sincerely yours,

Tom Gillett