

HILLMAN MARSH CONSERVATION AREA RESTORATION PLAN

Goals

&

Objectives

1

Restore and enhance the Hillman Marsh barrier feature to withstand climate change extremes, protect the wetland ecosystem, and safeguard homes and businesses.

2

Restore the wetland plant community behind the barrier feature to enhance wetland structure, function, diversity and resilience to climate change impacts using historical records and expert opinion.

3

Make the restored and enhanced Hillman Marsh ecosystem accessible to all of society and future generations to enjoy.

Phase 1

Reinforce the South headland at East Beach Road to prevent additional loss of land and to anchor a new barrier feature.

Phase 2

Develop an adaptation and restoration plan for a barrier feature and a diverse and functional wetland plant community.

Phase 3

Optimize the location, dimensions, composition, and methods of construction of new coastal structures, as well as the structure and functional composition of the wetland plant community through numerical and physical modelling.

Phase 4

Construct a barrier to resist climate change impacts and provide community co-benefits by protecting the wetland ecosystem and surrounding homes, farms, and businesses.

Restore wetland extent by restoring structural and topographical heterogeneity, increase the number of functional wetland plant communities, and increase the diversity of plant species.