

Related Report / Additional Information Request

Meeting:	Ordinary Meeting	Date:	27 May 2021
Requesting Councillor:	Cr Natoli		
Item:	8.2 – Coastal Hazard Adaptation Strategy		
Circulation	26/05/2021		
Officer:	Manager Environmental Operations	Approving GE:	Group Executive Liveability and Natural Assets

In response to a question raised by Councillor Natoli, please note the following additional information for your consideration.

Question:

1. Council could have staff progress a review of the current strategy for Maroochy Beach given the outcomes of the Sand Sourcing Study (SSS) and Maroochy Beach Nourishment Optimisation Pilot Project (MBNOPP) studies and in line with the Shoreline Erosion Management Plan (SEMP).
2. Council could enter into discussions with the Port of Brisbane Pty Ltd (PBPL) with the aim of reserving significant volumes of sand to nourish Maroochy Beach as outlined in the Sand Sourcing Study (SSS) over the short to medium term.
3. Council could initiate meaningful public consultation about the current strategy and the alternative options as per the Sand Sourcing Study and Maroochy Beach Nourishment Optimisation Pilot Project.
4. Further progression of studies, to assess the suitability of the identified offshore sand deposits, should be included in the budget 2022/2023 given that the Shoreline Erosion Management Plan (SEMP) (pg. 41) identifies the limited availability of sand for the preferred option of beach nourishment for many of our beaches. It is important to remember the current Shoreline Erosion Management Plan (SEMP) only takes us up to 2024 so this does not give a great deal of time to implement the recommendations of the Shoreline Erosion Management Plan (SEMP).

Response:

The current Sand Sourcing Study (SSS) highlights a range of options for sand for the short (including Point Cartwright/ Mooloolaba spit as part of Maritime Safety Queensland/council works), medium (Port of Brisbane Pty Ltd (PBPL)) and longer term (establishing an offshore sand source) planning horizons for current sand nourishment requirements.

The element of the completed Sand Sourcing Study (SSS) associated with the offshore delivery trial is looking to occur next financial year utilising funds associated with the Maroochy Beach renourishment campaign.

Delays have occurred due to the recent La Nina event/ Aussie 2021 pumping requirements for sand renourishment directly onto Maroochy Beach to ensure max erosion buffers are in place.

Staff have commenced a range of project planning requirements (in consultation with Port of Brisbane Pty Ltd (PBPL)) to progress this trial including exploration of best delivery methods, Port of

Brisbane Pty Ltd (PBPL) dredge availability, nearshore sand monitoring requirements (dependent on delivery methods) and also community engagement options.

Broader investigations into a regional scale sand sourcing/ nourishment work (including the development of a regional sediment transport model) is in the outer years of the current draft Coastal Hazard Adaptation Strategy (CHAS) implementation plan, noting a previous Transport Main Roads (TMR) sand shifter trial was also undertaken at the harbour mouth in 2012.

Scope development for the delivery of the Shoreline Erosion Management Plan (SEMP) 2.0 is also being explored as part of the 21/22 budget year.