

Tweed River Entrance Sand Bypassing Project

Advisory Committee & Community Meeting

24th February 2016

Summary of Discussions – Key Issues & Sand Movements

Sand Placement – 360,000 m³ has been pumped from October 2015 to January 2016 (approx. 2,500-3,000 m³ per day). This is approximately twice the amount of sand delivered in 2015/16 compared to 2014/15. Duranbah nourishment is planned for April utilising 25,000 m³ of sand from the lower Tweed estuary. It's intended to be pumped at a slower rate to allow for build up to be reworked.

Ministerial Feasibility Studies – Backpassing risk assessment and cost benefit analysis will be presented at the next Working Group meeting. Options for 2A/2B dredge placement areas include Fingal (need for sand at southern end) and Tugun (as an alternative to Kirra Beach with the deepwater storage area as a secondary option).

Tweed River Entrance / Dredging – 100,000 m³ of infill of sand to the entrance compartment this calendar year due to persistent stable wave conditions. Jetty has not been capturing all sand. There is a plan to dredge 10-12,000 m³ from the northern side of the entrance. The entrance is to be resurveyed for final amounts with dredging to begin late March when the surfing competition is over. Deposition location is east of Point Danger with channel compliance determining cut-off.

Environmental Monitoring – El Nino transition mid-2015 has seen increased wave energy from the south east leading to higher-than-average sand quantities. Consequently, Rainbow Bay has maintained its width. Kirra has continued to retreat however Rainbow Bay sand is expected to move through the system to Kirra over the next few months.

Communications Strategy – The recent Community Consultation and Engagement Assessment report was outlined and an update on the development of the 2016-2019 Communications strategy was provided.

AC Member Reports – Entrance conditions detrimental to fishermen. Concerns about upcoming easterly event and potential erosion at Snapper Rocks – would like to see daily monitoring and system shutdown during event. Fingal beach access is now restored after 23,000 m³ placement of sand. CoGC world surf reserve at Snapper Rocks endorsed – adapted same surf management plan, TRESBP to be involved. Situation at the bar could have been addressed earlier; however passage in the past has been good.