

# TWEED SAND BYPASSING

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## Advisory Committee & Community Meeting

14<sup>th</sup> September 2016

### Summary of Discussions – Key Issues & Sand Movements

**Sand Placement** – Approximate sand delivery volumes since last meeting in February 2016 are as follows: February 61,000m<sup>3</sup>, March 25,000m<sup>3</sup>, April 40,000m<sup>3</sup>, May 20,000m<sup>3</sup>, June 52,000m<sup>3</sup>, July 33,000m<sup>3</sup>, August 39,000m<sup>3</sup>. 5,000m<sup>3</sup>, was placed into the scoured part of Duranbah in July as an emergency response to the June storm event.

**Tweed River Entrance / Dredging** – Approximately 42,000m<sup>3</sup> of sand was dredged from the entrance bar in April and May. Latest entrance survey is dated 22 June 2016 and the next survey will be undertaken in the coming weeks.

**Ministerial Feasibility Studies** – New dredge placement areas are proposed off Bilinga and Tugun to improve operational flexibility in future campaigns. Approvals for sea dumping of sand are being sought from the commonwealth government. Back passing sand from the entrance bar to NSW by pipeline has been ruled out as not financially viable. Back passing by dredge is being pursued with NSW Department of Planning.

**Environmental Monitoring** – ACC last met in February 2016, during this time there has been a significant swell event in June and overall the predominant swell direction was from E and ESE. Duranbah imagery indicates a significant drop in beach width following the June event and an increase in beach width with nourishment. The Rainbow Bay beach width has reduced then recovered. Further drops have occurred with minor storm events. Coolangatta Bay has had a noticeable reduction in beach width and significant scour out of the northern end. Kirra was stripped of sand with the June event and remained relatively stable with minor fluctuations in between.

**Communications** – Main focus of communications work is on the Tweed Sand Bypassing App. We have received enquiries about the Year 10 curriculum update and whether the schools package will be updated next year. Tweed Sand Bypassing is enquiring about a promotional booth at the Quiksilver pro 2017 event.

**Community Beach and Entrance Reports** – Fingal beach reported as having generally good swimming and surfing conditions. Rainbow Bay has had plenty of sand. Coolangatta Bay has had too much sand creating unfavourable conditions. North Kirra is in a generally good condition. Bilinga has excellent beach conditions and recovered well after beach erosion. Tugun beach has good width and swimming and surfing amenity are reported to be excellent. A shallow bank has formed off the northern training wall at Duranbah reducing the size and energy of the waves. Surf quality at snapper and Duranbah is reported to be average. Kirra experienced significant erosion but has recovered well.

Marine rescue reported no issue related to the entrance bar. Entrance conditions remain hazardous and more dredging is required to increase depth and safe channel width.