

# TWEED SAND BYPASSING

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## Advisory Committee Meeting

19<sup>th</sup> October 2017

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

**Sand Placement** – Approximately 123,517 m<sup>3</sup> of sand was pumped to Snapper Rocks East during the period June 2017 to end September 2017. An additional 2,610m<sup>3</sup> of sand has been pumped to nourish Duranbah beach in July 2017. In addressing the onset of spring and associated annual anticipated recession of southern gold coast beach embayments– it is planned to have minor quantities of sand placed at Kirra from the TSB Kirra Point outlet in the coming weeks (November 2017).

**Tweed River Entrance / Dredging** – 216,6040m<sup>3</sup> of sand was dredged from the entrance bar during the 2017 campaign that commenced in February and was completed in August. 139,997m<sup>3</sup> of the dredged sand has been relocated to the Duranbah placement areas and 76,607m<sup>3</sup> placed in the Snapper Rocks placement areas.

**Project Enhancements** – Approval has been granted for placement areas 2A and 2B by the QLD State government. This will allow improved flexibility for dredge placements effective immediately. Backpass by dredge deposition areas are currently being investigated along Letitia beach.

**Environmental Monitoring** – Beach widths for Duranbah, Rainbow Bay, Coolangatta Bay and Kirra have remained stable through June to October 2017; with some growth recorded; contrary to what is typical during spring conditions each year. Kirra beach width has increased over the last few months, recovering from what was a depleted upper beach from spring/summer 2016 -17. Investigations to determine a suitable location to install a new camera to monitor Kirra beach have concluded. Implementation of the option is now progressing.

**Communications** –The Tweed Sand Bypassing App is live and available for download online. The app is fully functional and updated on a daily basis. The TSB Instagram page now boasts 259 followers, has received over 287 comments and 6500 likes across 87 posts.

**AC Member Reports** – Fingal upper beach and intertidal area is currently depleted; this extends from the northern side of Fingal head passed the Fingal SLSC. Duranbah upper beach remains very full, the banks are very wide and surf conditions are very ordinary as of late, it is hoped recent swell conditions will bring about some positive change; the surfing bank along southern Gold Coast beaches are reported as good. North of Kirra there is plenty of sand. The entrance whilst accessible from the dredging works, remains unsatisfactory for majority of users during even a minor swell. There is a vast volume of sand immediately south of the dredge area. A lot of sand moving along the northern training wall from Duranbah beach back into the entrance on the run out tide.