

TWEED SAND BYPASSING

Advisory Committee & Community Meeting

3 August 2017

Summary of Discussions – Key Issues & Sand Movements

Sand Placement – Overview of sand pumping provided – sand placement from October 2016 to July 2017: Snapper Rocks East 310,906m³; Duranbah 33,696m³; Total 334,602m³

Tweed River Entrance / Dredging – Dredging of the entrance bar commenced in February 2017, to date approximately 173,665m³ of sand has been removed. A compliant channel is yet to be established.

Environmental Monitoring – An overview of the metocean conditions from June 2016 to June 2017, outlining the more significant events (>2.5m) that occurred through the year. Predominantly South of East swell from January to June 2017; compared to a predominant East South East swell in May to June 2017. In the period of February to May 2016 and February to May 2017 there were similar metocean conditions with an easterly swell direction. As expected the beaches are behaving in a similar manner.

Communications – Tweed Sand Bypassing Instagram is now online with 225 followers (@tweedsandbypassing). Instagram posts are trying to coincide with events, seasons and current activities. The zine is available as a hard copy print and Bruce Lee and Tweed Sand Bypassing have also featured in the latest tracks magazine.

Community Beach and Entrance Reports – Bar evolution surveys for January / April / May / June 2017 were presented. A comparison between the April & June survey showed the build-up and losses of sand. A cross section of the bar differences in March, April, May and June was presented.

Changes in bed elevation January to June 2017 in the dredge placement box areas showed an increase due to dredged material.

Volunteer marine rescue data presented showed 1230 crossings in June 2017.

Tweed Sand Bypassing is trialing an additional survey area to the south of Fingal Head on Dreamtime Beach. The control volume survey outlines the net gain and net erosion of areas between April and June 2017.

Duranbah aerials (December, March, June) show more variability to the south of the beach. Rainbow bay aerials for the same period indicate the beach is currently quite wide. Greenmount for the same period is showing a reducing beach width, however it is expected the Greenmount beach width will increase as sand moves around. Kirra had generally good banks in March 2017 while the north of east conditions prevailed. The beach width will be expected to increase as sand moves along the embayments.

Surfing Amenity – was quite good through the early autumn and winter months (May 2017).