

Tweed River Entrance Sand Bypassing Project

Advisory Committee Meeting

13th October 2015

Summary of Discussions – Key Issues & Sand Movements

Sand Placement – Sand placement program for CY15 is similar to previous years, and has periodic placements at Duranbah – 20,000m³ in October 2015 and 30,000m³ in March 2016. Duranbah placement commenced on 6 October 2015 with approximately 4,500m³ placed at location 5. Pipes were relocated to location 4 and 4,890 m³ placed overnight on 8 October 2015. The pipes will be relocated to Location 1 and another ~5,000 m³ placed later this week. Following completion of these placements the beach will be groomed by Council and then a decision made if any more placements are required.

Rainbow Bay – Meetings took place to discuss concerns regarding Rainbow Bay. Rainbow Bay is known for the types of conditions which can be dangerous and the beach will fluctuate. Different management options were discussed to perhaps create more flexibility in the system.

Sand Movements – Outlined a range of environmental monitoring results on sand movements, pumping versus estimated sand transport, beach changes, El Nino effects in the coming year and Coolangatta changes since the groyne extension.

Tweed River Entrance – Outline of entrance conditions for the past 12 months, shoaling on the northern side of the bar since July and shoaling in the centre zone the last 3 months.

Kirra Reef – Recolonisation of Kirra Reef.

Ministerial Feasibility Studies – Economic study on the backpassing is well underway and the risk assessment study has been completed. Progress for 2A/2B dredge placement options has been ongoing and ecological investigations have indicated no seagrass so far.

Advisory Committee Member Reports – Lots of sand in Greenmount, more sand is better than not enough. Duranbah is looking good and dozer work will occur after most sand is delivered. Current engagements include a Community engagement assessment, Environment monitoring program review and review of Long Term average. Concerns of no channel near the bar. Surf Quality is ok, Duranbah needs a bit of erosion to improve banks however recent placement is understood.