

## **Advisory Committee Meeting**

**13<sup>th</sup> February 2014**

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

**Sand Delivery** – The amount of sand pumped in Contract Year 13 to date (13 February) has been 129,000m<sup>3</sup>. Most of this sand was delivered to Snapper Rocks East with 1600 m<sup>3</sup> delivered to Duranbah in November 2013.

**Sand Movements, Letitia Beach** – Fingal beach suffered severe erosion from storms in January, February and April 2013 as well as King Tides in June. The beach has been showing positive signs of recovery up to February this year, with sand flowing around Fingal Head to replenish eroded beach conditions.

**Duranbah** – Duranbah continued to fare well in response to recent ocean storm events with evidence of natural sand bypassing taking place to aid rebuilding of the upper beach conditions, and reduce storm losses. As a result, the sand delivered to Duranbah over the last year is the lowest annual quantity since the start of pumping due to the reduced need for artificial delivery.

**The southern Gold Coast Beaches** – continue to show large seasonal fluctuations in beach width while there is an overall trend of reducing sand volumes.

**Kirra Reef** – Further re-exposure of Kirra Reef was observed in the November 2013 oblique aerial photographs and is consistent with a recent surveyed reduction in sand levels from Kirra to North Kirra. Biological monitoring of Kirra Reef will commence in February 2014.

**Tweed River Entrance** – A clear navigation entrance was surveyed in December 2013 which showed an overall net scour of approximately 100,000 m<sup>3</sup> over the last year. Most of this sand was pushed northwards toward Duranbah and helped to rebuild the Snapper Rocks surfing bank. Entrance conditions will be reassessed and any need for dredging reviewed following the next survey in April.

**Sand Placement** – 400,000 m<sup>3</sup> of sand is targeted for Contract year 13 (October 2013 to September 2014) which could potentially include up to 50,000 m<sup>3</sup> of dredging.

**Feasibility Options** – There was discussion surrounding the status of the Feasibility Options. The NSW and Qld ministers have agreed to further develop Options 2 (extended dredge placement areas) and 4 (backpassing). Option 1 (extended Kirra outlet) will not be pursued at this time, while option 3 (delivery by dredge to Kingscliff) will only be considered if Tweed Shire Council wishes to proceed with any investigation. Issues raised by the Advisory Committee will be assessed as part of the detailed investigation of these options.

**NSW Advisory Committee Positions** - the A/Project Manager outlined the process of advertising and seeking applications for two NSW community representatives for AC membership and advised that copies of the information package were available both on the website and for collection at the meeting.