

KIRRA POINT

A valve pit is provided at Kirra Point to allow for connection of a temporary outlet to supply sand to Kirra in the event of severe beach erosion.

COOLANGATTA BEACH/GREENMOUNT

A valve pit is provided at the southern end of Coolangatta Beach to allow for connection of a temporary outlet in the event of severe beach

SNAPPER ROCKS WEST

A permanent outlet is located at Snapper Rocks. This outlet is intended for use in the event of persistent north-easterly wave conditions that would prevent sand from Snapper Rocks East feeding northward to the southern Gold Coast beaches. Alternatively it can be used to replenish Snapper Rocks if severe erosion has occurred.

Natural
northward
flow of sand

DURANBAH BEACH

A valve pit is provided at the southern end of Duranbah Beach for connection of a temporary outlet and this outlet is used generally one to two times per year to deliver sand to Duranbah Beach. Additional temporary piping is installed on the beach to direct sand to areas of the beach that require nourishment.

SNAPPER ROCKS EAST

A permanent outlet is located just south of Froggy Beach. The majority of sand pumped by Tweed Sand Bypassing is delivered to this outlet. Sand delivered here is swept around Snapper Rocks headland naturally by waves and currents, providing a consistent sand supply which helps to protect the southern Gold Coast beaches from erosion. Sand delivered to this outlet also helps to maintain the world class surfing banks at Snapper Rocks (part of Gold Coast World Surfing Reserve).

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SAND PUMPING JETTY