

KIRRA POINT INTERMITTENT OUTLET

This outlet has been provided to allow for nourishment of Kirra Beach in the event of severe beach erosion. Sand was delivered here from 2001 to 2003 to restore long-term eroded conditions at Kirra and North Kirra beaches. In the future, this outlet will be used as required, depending on the need for nourishment at Kirra and North Kirra following major ocean storms.

DURANBAH BEACH INTERMITTENT OUTLET

Delivery to this outlet has been undertaken typically twice a year since the system began pumping in 2001. Around 10% of sand collected by the system is delivered here to build up the beach sand store and nourish the nearshore shoals. Temporary pipes that can be moved to various positions along the beach and training wall are used for sand delivery to Duranbah.

SNAPPER ROCKS WEST SECONDARY OUTLET

This low-use outlet is camouflaged amongst Marley's Rocks. The outlet is intended for use in the event that the southern Gold Coast beaches experience significant erosion coinciding with a period of persistent NE wave conditions that would prevent sand pumped to the Snapper Rocks East main outlet from feeding northward around the headland as normal.

Natural
northward
flow of
sand



SNAPPER ROCKS EAST MAIN OUTLET

More than 80% of the sand collected by the system is delivered to this outlet, usually for 10-11 months of each year. Sand delivered here is swept around the Snapper Rocks headland naturally by waves and currents, providing a continuous sand supply to help protect the southern Gold Coast beaches from erosion. Sand delivered to Snapper Rocks East also helps to maintain the world class surfing banks at Snapper Rocks.

