

Renourishing Half Moon Bay beach

Project update – August 2011

The Department of Sustainability and Environment (DSE), in consultation with Bayside City Council (BCC), will invest \$500,000 to renourish Half Moon Bay beach with sand. The renourishment will ensure its enjoyment for the whole community.

Up to 12,300 tonnes of sand will be spread on Half Moon Bay beach to widen the existing beach by 15 metres and provide improved coastal protection and public benefits.

This project is a combined effort between local and state government with Bayside City Council supporting in principle the renourishment at their council meeting held on 2 August 2011.

Wind and Weather Conditions

During summer the predominant south westerly winds shift about 3450 cubic metres of sand north towards the Red Bluff cliffs. During winter the north westerly winds shift approximately 2730 cubic metres of sand southwards.

These wind patterns result in a net movement of 720 cubic metres of sand to the north end of beach. The flow of this sand further north is slowed by the location of the Red Bluff cliffs which act as a natural headland.

After analysis of wind and wave activity it was determined a groyne at the south end of the beach would not be required to anchor the sand in place.

Works Program

Work is scheduled to begin in early September 2011 and will take about three weeks to construct, depending on weather delays.

Sections of the beach and carpark will be closed to the public during construction times – 7.30am to 5pm Monday to Friday. Public inconvenience will be minimised as much as possible.



Aerial of Coastal Processes

For more information please contact the DSE Customer Service Centre on 9296 4400 or BCC on 9599 4444.

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