

# Sandringham Beach Renourishment



## Beach renourishment at Sandringham to begin in March 2021

The Department of Environment, Land, Water and Planning (DELWP) is set to undertake beach renourishment at Edward Street Beach, Sandringham and Half Moon Bay in March 2021 to assist in protecting the coastal public land and infrastructure, as well as providing a wide and safe beach for community use.

### Renourishment sites

- 1. Edward Street Beach:** Approximately 20,000m<sup>3</sup> of sand will be added to the beach between the Royal Avenue rock groyne and Red Bluff. The additional sand will widen the beach, which is currently inaccessible during high tides. Wave activity has also led to accelerated erosion of the cliff face.
- 2. Half Moon Bay:** Up to 5,000m<sup>3</sup> of sand will be added to a 155-metre stretch of beach at the southern end of Half Moon Bay. Storms in mid-2020 removed a significant amount of sand from this area and left the ramp inaccessible at times (see Fig. 2), while also leaving the foreshore vegetation and unstable cliffs vulnerable to erosion.

DELWP has engaged an experienced contractor to dredge sand from 1km offshore (Offshore Sand Source Design Area in Fig. 1) and pump it ashore to both sites.

The sand source has been tested to be free of contaminants and to have a similar grain size to that onshore. It has also been depth-tested to show that a significant quantity of sand is available for this important work.

### Timing

Construction is planned to commence in March 2021, pending disruptions relating to weather and COVID-19 restrictions. The works are expected to be completed by the end of April 2021.



Figure 1: Site location map.

## Beach access

During the works, two car parking spaces at the southern end of Black Rock Wharf car park will be closed to allow for equipment storage by the contractor. The beach access points opposite Edward Street, Bayview Crescent and from Black Rock Wharf will be closed during the works, with limited beach access at Edward Street Beach and Half Moon Bay while the dredging takes place. All boat ramps at Black Rock Wharf will remain open.

Swimmers should be aware that the depth of water offshore may change as a result of the works.

The dredged sand will initially be darker in colour and may have an odour due to naturally occurring organics in the sand being exposed to the air. However, sand sampling of the offshore source showed this organic content to be very minimal (<0.11%). The sand will naturally lighten in colour as it bleaches in the sun and any odour will fade within days.

DELWP has been working closely with Bayside City Council (Council) to design and deliver this project, while also consulting with key stakeholders at Half Moon Bay to ensure minimal impact on beach users. Please note this project is separate to the boat ramp clearing being completed by Council in mid-2021, which involves much lower volumes of finer-grained sand being moved to the northern end of Half Moon Bay.

This project is funded through the Port Phillip Bay Beaches Renourishment Program 2019-2023, which assigned \$8 million funding for up to 16 beaches based on a comprehensive priorities study completed by Cardno in 2019.

## Further information

Should you require further information, please contact the DELWP Customer Contact Centre at 136 186 or email the DELWP Coastal Projects team at [enviropjects.portphillip@delwp.vic.gov.au](mailto:enviropjects.portphillip@delwp.vic.gov.au)



Figure 2: Half Moon Bay access ramp during high tide, June 2020. Photo provided by Bayside City Council.