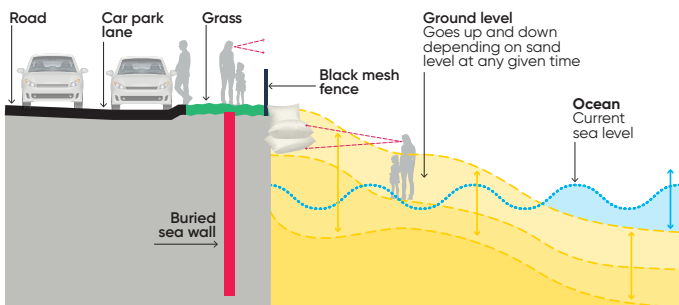


Cross-section of proposed buried protection structure, Southern end of Mitchell Street seawall



We are delivering a range of emergency repairs and long term works to help manage, maintain and preserve Stockton's coastline.

The Stockton Coastal Management Program (CMP) 2020 outlined a series of short and long-term actions including emergency repair works, and the construction of more permanent protection structures which are required to shield the shoreline and reduce the chance of inundation during large swells.

Long-term, these structures will work in conjunction with mass sand nourishment to protect Stockton Beach.

The first of these structures is a new buried seawall at the southern end of the Mitchell Street rock seawall. This buried seawall will be constructed with vertical, overlapping concrete beams. When completed, the top of the wall will be buried as shown above. It will be 126 metres long, and the base of the overlapping beams (piles) that form the wall will extend 8.5m below ground.

We are currently planning to start construction in April.

We will continue to work with the Stockton Aboriginal Cultural Heritage Group to ensure these works respect the significance of the Stockton coastline to the Worimi people, and protects their heritage.

Extended Stockton Coastal Management Program (CMP)

We are developing the draft Extended Stockton CMP which steps out an expanded list of management actions that support the long-term strategy of mass sand nourishment outlined in the 2020 Stockton CMP, and broadens the geographical area covered to include the northern end of Stockton Beach from Meredith Street to the Port Stephens Local Government Area boundary.

The complementary actions featured in the Extended CMP are intended to prolong the benefits of mass sand nourishment, which remains the long-term solution to protecting the Stockton Beach. The Extended CMP is an important next step to delivering the long-term vision.

The Extended CMP has been informed by extensive consultation with the community, as well as the findings of additional studies and investigations undertaken since the development of the 2020 CMP.

Pending confirmation of the allocation of responsibility for actions, the draft Extended Stockton CMP will then be finalised ahead of public exhibition in mid-2023.

Stockton Beach



Works Update

Managing Stockton's Coastline

Rockbags at Barrie Crescent



Want to know more?

For the latest information scan the QR code, or visit newcastle.nsw.gov.au/stockton-works to register for our community e-Newsletter.

Works

- ● ● ● ● Rockwall
- ■ ■ ■ ■ Rockbags
- Buried Seawall
- ■ ■ ■ ■ Emergency Repair Works
- || || || || || Repair Works
- ⚠ Emergency Works
- 📋 Actions from the 2020 CMP

Corroba Oval area - Dune works

- Straw bales and coir logs have been used to help trap sand and reduce the impact of wave overtopping.

Barrie Crescent - Rockbags

- 1,294 Kyowa rockbags were placed along this 210-metre section of coastline in 2021.

Mitchell Street - Rock seawall

- The seawall was built in 1991, and covers 600m of coastline.
- The seawall will be topped up to increase protection, with construction to start in late 2023.
- In advance of this, rock bags have been placed on top of the seawall at the northern end of Mitchell Street to minimise the risk of overtopping until the seawall works are complete.

Southern end of the Mitchell Street seawall - New buried seawall

- The sandbags at the southern end of the Mitchell Street seawall have been repaired and an additional two layers of rock bags placed at the base of the structure.
- Construction of a permanent buried protection structure is expected to start in April 2023.

The Pines - Emergency repair works

- Weather events have exposed historic building materials which were put in place in the 1970's to minimise erosion. We have undertaken temporary works to protect the dune edge, including relocating fencing in this area to ensure community safety.

North of Stockton Surf Lifesaving Club - New buried seawall

- Repair work is underway to the existing emergency works to secure the site ahead of construction of a new buried protection structure. This new structure, a buried seawall, is being designed, and construction is planned for the 2023/24 financial year.

Stockton Surf Lifesaving Club - Rock seawall

- The seawall in front of the SLSC was built in 2017 following significant erosion.
- We are currently planning longer term repairs to the seawall with construction planned in early 2024 following the repairs to the Mitchell Street seawall.

Front of Lexie's Café - New buried seawall

- Emergency sandbags are located on the seaward side of Lexie's Cafe.
- This location is at high risk of further erosion so a permanent buried protection structure will be delivered, aligned to the current temporary emergency structure.
- This buried structure is being designed with construction due to start in the 2023/24 financial year.
- Until then, we will continue to monitor and renew the existing sandbags as needed.

Sand scraping

- When weather allows, we undertake sand scraping activities in areas like this to increase dune resilience by accelerating the natural movement of sand.

Stockton breakwater - Repair works

- We are repairing damage from erosion events and reinstating access for the community including a new accessway to South Stockton Beach.

