

In Adelaide we love our beaches. But did you know to keep them sandy for everyone to enjoy we need to manage them?

Sand is a finite resource – it needs to be **shared equitably** along our coastline so residents and visitors can all **enjoy Adelaide's stunning coastline** now and into the future.

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Visit the coast website to sign up for updates and learn more about the state government's plan to secure the future of our coastline

environment.sa.gov.au/coasts



Securing the future of our coastline



Government of South Australia
Department for Environment and Water

Adelaide's coastline is one connected system, but some of our beaches are experiencing significant erosion.

Adelaide's beaches have been actively managed for nearly 50 years

- Sand is moved from where it builds up to areas of erosion.
- Without moving sand, some of our favourite beaches would erode to rock and clay.
- This is based on decades of research, monitoring and international best practice.

Erosion hot spot at West Beach
(Rockingham St dunes), Dec 2019.



Securing the future of our coastline

The state government has committed **\$48.4 million** to:



Construct a **sand recycling pipeline** from Semaphore to West Beach to move sand from beaches where it builds up.



Deliver a large quantity of sand (500,000 cubic metres) to West Beach **from outside of Adelaide's beach system** to make up for losses that have occurred since the late 1990s.



Restore sand dunes using **best practice techniques and native plants** in partnership with local councils and coastal community groups.

DID YOU KNOW?

- There's an existing underground sand pumping pipeline between Glenelg and Kingston Park that keeps our southern metropolitan beaches sandy and the dunes maintained.
- Pipelines are used successfully in many places around the world to keep beaches replenished, including on the Gold Coast.

Community engagement



The department is working closely with a community reference group on the project.



There will be opportunities for broader community input during the pipeline design phase in 2021 and for the dune restoration works.

When will the pipeline be built?

- Construction will commence in 2021/22 after the design and approval phase. The pipeline is expected to be operational by 2022/23.
- Before the pipeline is built and the external sand is delivered, sand needs to be moved by truck to protect West Beach in the interim (spring and autumn 2020/21)



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Sand naturally moves northward up the coastline

