

# CONTINUOUS INVESTMENT AND IMPROVEMENT IN SOUTH AUSTRALIA

**Southern Waste ResourceCo has invested in a multi-million-dollar purpose-built disposal facility in South Australia, as we move to step up our capability in managing Australia's hazardous and non-hazardous waste.**

Our construction of a highly sophisticated disposal cell raises the bar in environmental and engineering performance and has been designed to accept all types of waste generated from contaminated sites.

It means certain waste streams can be moved off source sites, where they pose a risk to the environment, to a purpose-built facility of world standard, where they can be safely and appropriately managed.

The Double Composite Lined Disposal Cell reflects best practice landfill design and construction and Southern Waste ResourceCo complies with all EPA requirements, as the regulator of the facility.

## **SUPERIOR PROTECTION**

The Cell, which uses a multi-layer liner system, is one of very few constructed in Australia to offer a superior level of protection when compared with traditionally lined disposal cells.

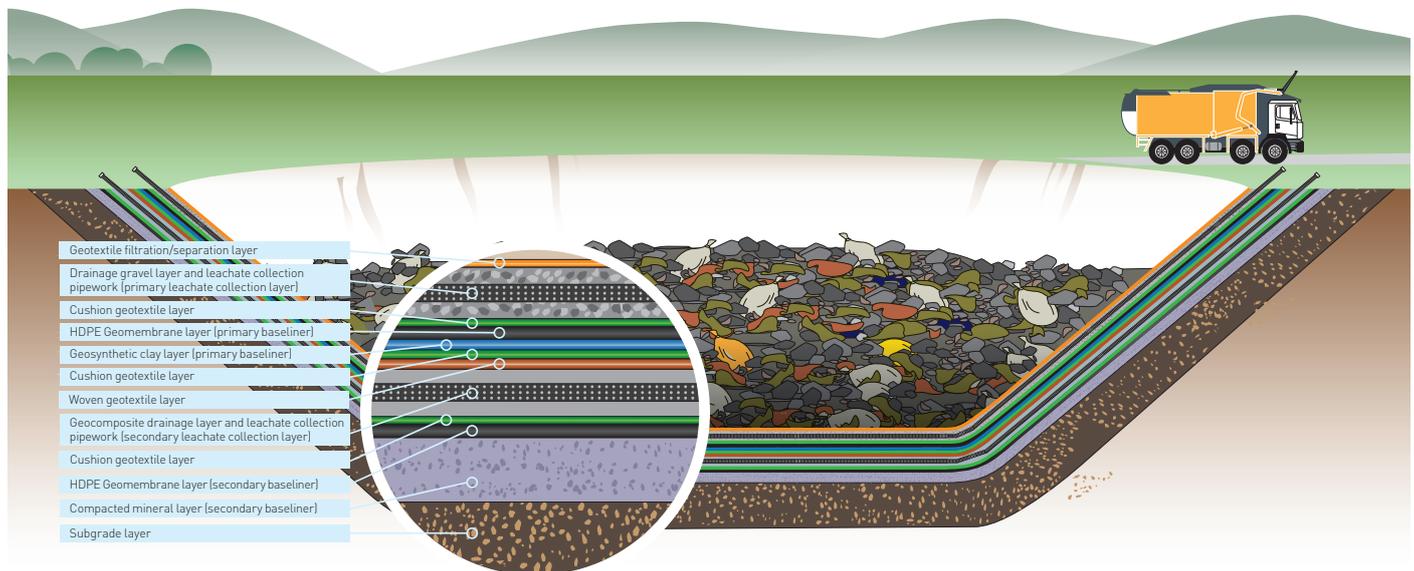
It includes the construction of three different types of liners made from processed shale materials, high-density polyethylene and geosynthetic clay liners.

# Stage 4 Cell 3 - Double Composite Disposal Cell

↓ Innovative Engineered Design,  
3 Years in the Making.

↓ Prevents contamination  
of groundwater.

↓ Double Composite Lined Cell,  
providing a high level of security.



↓ All leachate generated, collected and removed from the cell is safeguarded from the surrounding environment.

## BEST PRACTICE LANDFILL DESIGN AND CONSTRUCTION

The innovative engineered design has been three years in the making and is in full compliance with new South Australian EPA landfill guidelines, released in 2019

[https://www.epa.sa.gov.au/environmental\\_info/waste\\_management/solid\\_waste/landfill](https://www.epa.sa.gov.au/environmental_info/waste_management/solid_waste/landfill)

The double-composite-lined disposal cell will allow for the active removal and clean-up of contaminated sites, taking the hazardous waste away to a purpose-built facility of world standard.

## WASTE MATERIALS

The landfill is already licensed and approved by the EPA to receive a range of waste streams for disposal.

While it is intended that per- and poly-fluoroalkyl substances (PFAS) with low levels of contamination would be accepted at the site, subject to EPA requirements, they are expected to represent **less than 5%** of the total incoming waste.

The Double Composite Lined Disposal Cell is equipped for these substances, with its superior engineering ensuring both primary and secondary leachate collection and extraction layers are in place for an increased level of environmental performance.

## LOCATION

The Disposal Cell's is located at Southern Waste ResourceCo at McLaren Vale, approximately 35 kilometres south of Adelaide.

The site at 2605 Main South Road in McLaren Vale, has been operating as a major leading waste, recycling centre and soil treatment base since 1993.

## FURTHER INFORMATION

Get in touch with us to find out how we can help to address the remediation of contaminated sites.

Please contact Southern Waste ResourceCo to find out how we can help or assist you with further details.

Call us on 1300 696 733 or email [SWR@resourceco.com.au](mailto:SWR@resourceco.com.au)

[www.resourceco.com.au](http://www.resourceco.com.au)