



**Southern  
Waste  
Solutions**



Future-focussed solutions to  
Tasmania's waste challenges

[SWSTAS.COM.AU](http://SWSTAS.COM.AU)



## Who are we?

**Southern Waste Solutions (SWS) is an established leader in Tasmania's waste sector, jointly owned by Clarence City, Sorell, Tasman, and Kingborough Councils.**

SWS services 50% of Tasmania's population across the Break O'Day, Brighton, Clarence City, Glamorgan Spring Bay, Glenorchy City, Hobart City, Huon Valley, Kingborough, Sorell, Southern Midlands, and Tasman Local Government Areas.

We operate the largest and most modern network of waste management facilities in Tasmania, including the Copping landfill, Copping C-Cell and Lutana waste transfer station.

SWS is committed to working with industry partners to find innovative solutions to waste challenges.

### WASTE VOLUMES



~ 150k

tonnes of waste collected per annum

### PEOPLE



20+

direct employees and contractors

### CAPITAL INVESTMENT



+\$40 million

### ENERGY GENERATION

13k



Megawatt hours generated every year through landfill gas capture

### ENVIRONMENT

~ 122k



tonnes of carbon removed from the atmosphere



= 49,000 passenger vehicles/year

# Our sites



## What we do

SWS accepts and manages waste at both the Lutana Waste Transfer Station and Copping Landfill sites. Waste received at the Lutana Waste Transfer Station is compacted for transport to Copping in leakproof semi-trailers. Compacting the waste ensures maximum legal payloads, which minimises vehicle movements and reduces our carbon footprint. SWS also receives bulk waste haulage from a network of transfer stations across the east coast and southern Tasmanian region, including facilities in Scamander, Huonville, Barretta and Mornington.

## C-Cell

SWS plays a unique and crucial role in waste management, operating as the only controlled waste facility in Tasmania.

The C-cell has been built to exceed the highest global standards and undergoes regular independent monitoring and testing.

SWS accepts controlled waste from the transport, aquaculture, mining and manufacturing sectors.

Before the completion of the C-cell in 2018, hazardous waste was stockpiled at worksites across Tasmania or sent interstate, risking contamination of waterways and the urban environment.



# Renewable energy

The Copping Renewable Energy Facility flares gas from landfill to generate baseload renewable energy.

Energy generated at the Copping site is fed back into the grid and is sufficient to power around 1000 homes every year.

Landfill gas is made up of around 50% methane, a greenhouse gas that is 25 times more harmful than carbon dioxide.

Last year the facility captured over 9.5 million cubic metres of gas and abated 122,000 tonnes of CO<sub>2</sub>e, the equivalent of taking more than 49,000 cars off the road.

# Wetlands

SWS has received widespread recognition for its innovative wetlands pilot, which captures and naturally filters leachate from the landfill cells.

The wetlands have been constructed in line with world's best-practice environmental standards, using native plant species to safely extract contaminants from the leachate without the need for chemicals or expensive mechanical filtration.



## Where we are going?

SWS is strategically placed to manage waste from across Southern Tasmania when other facilities reach end of life in the coming years.

We are taking a lead role in the important and necessary transition to a future where waste is reduced and diverted away from landfill and into innovative, value-added products. We are committed to driving community education and behavioural change to achieve this vision.

Our current focus is on constructing a state-of-the-art organics processing facility to divert up to 30,000tpa of organic material from landfill.

The facility would service industrial customers, along with food and organics collections for 50,000 households, to produce 16,000tpa of certified compost for value-added community, horticultural and agricultural uses.

SWS is committed to working in partnership with industry and government to achieve a solution that is tailored to the unique needs of individual businesses, including both feedstock providers and end users.

Southern Waste Solutions (SWS) is established under Section 30 of the Local Government Act 1993.



**Lutana Waste Transfer Station** 129 Derwent Park Road, Lutana  
**Copping Landfill** Arthur Highway, Copping

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