

Climate Action Factsheet

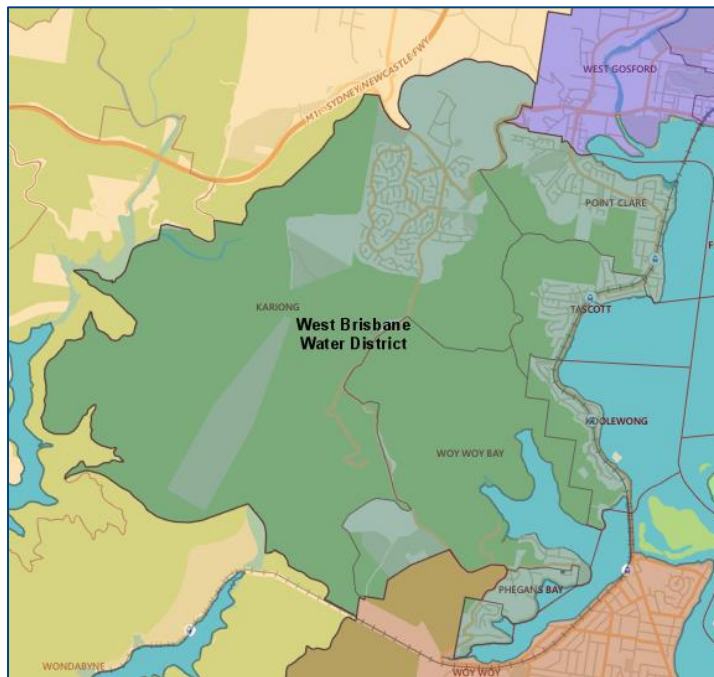
West Brisbane Water Planning Area

#CentralCoastCAP



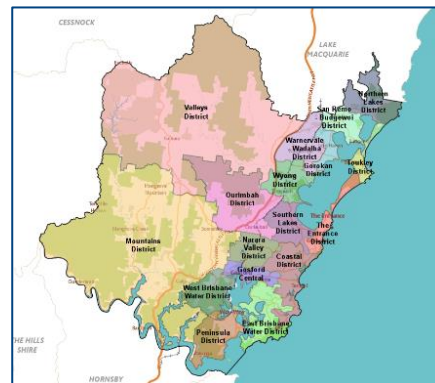
Where are we?

West Brisbane Water planning area is bounded by the Pacific Highway, Kangaroo Road, the locality of Somersby, the suburb of West Gosford and Coorumbine Creek in the north, Brisbane Water in the east, Woy Woy Bay, Woy Woy Creek, the locality of Woy Woy, Woy Woy Road and the locality of Wondabyne in the south, and the locality of Mooney Mooney Creek and Mooney Mooney Creek in the west.



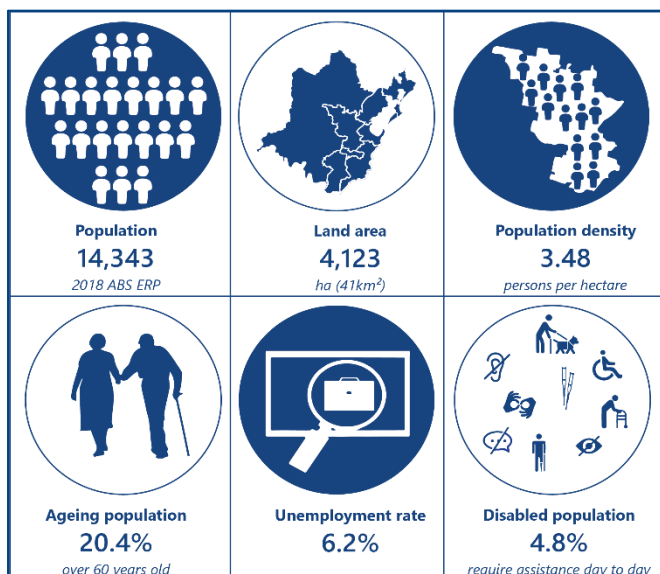
Suburbs

West Brisbane Water planning area encompasses the localities of Horsfield Bay, Kariong, Koolewong, Phegans Bay, Point Clare, Tascott and Woy Woy Bay.

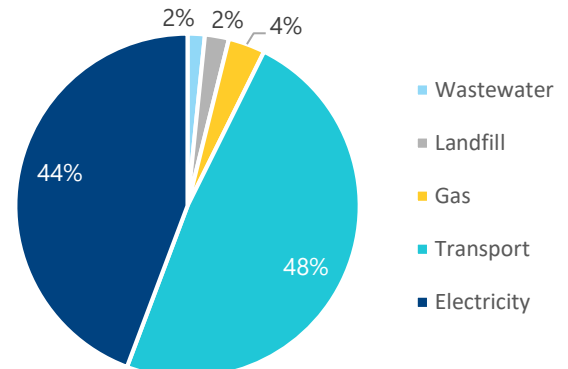


Who are we?

When considering how we plan for Climate Change, we must ensure all walks of life are considered. Some of these considerations are:



West Brisbane Water Emissions Profile 2016/2017



140,338 tCO₂-e

4% of the Central Coast region's total emissions

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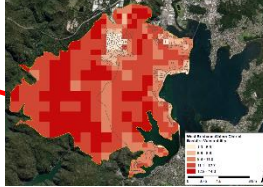

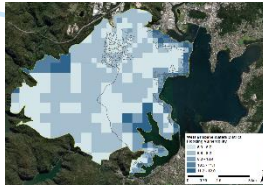

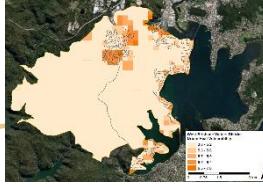

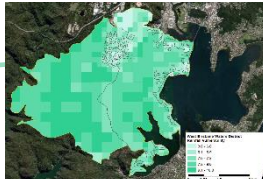

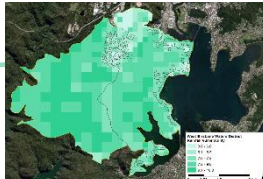
West Brisbane Water Planning Area

#CentralCoastCAP

Central
Coast
Council

Climate Impacts in the West Brisbane Water Planning Area

The following impacts have been identified for the West Brisbane Water and surrounding areas. Some of these impacts are already being experienced, with increases expected in the future:

	<p>Bush Fire Increased fire risk during spring and summer due to higher temperatures and less overall rainfall.</p>	
	<p>Rainfall and flooding Overall rainfall will decrease however more intense rainfall events will occur, resulting in more frequent flooding. Impacts include flash floods and catchment flooding, increased need for emergency response and recovery, damage to infrastructure, buildings and facilities, community anxiety and damage to natural assets.</p>	
	<p>Sea Level Rise A rise in sea levels affecting low-lying coastal areas due to added water from melting ice sheets/glaciers and the expansion of sea water as it warms. Impacts include coastal recession and erosion, asset damage, loss of coastal and estuarine ecosystems.</p>	
	<p>Urban heat Increase in average and extreme temperatures with prolonged heatwaves. Impacts include human and livestock health, changes to bushfire behaviour and seasonality, increased building operational costs and asset deterioration.</p>	
	<p>Water availability Less overall rainfall. Impacts include fluctuations in water supply for drinking, irrigation and industrial use, as well as more pronounced flooding and drying cycles leading to drought.</p>	

Climate Action

Actioning climate impacts on the Central Coast has the potential to:

- Strengthen community resilience to climate hazards and natural disasters
- Help natural areas and ecosystems
- Reduce greenhouse gas emissions
- Lower Council's long-term infrastructure costs
- Improve community wellbeing
- Lead energy efficiency and energy security initiatives
- Develop new industries
- Identify climate action measures into policies, strategies and planning

